

FIGURES

CHAPTER 3 FIGURES

Figure 3-1 Mean Monthly Temperatures in the Rawlins RMPPA

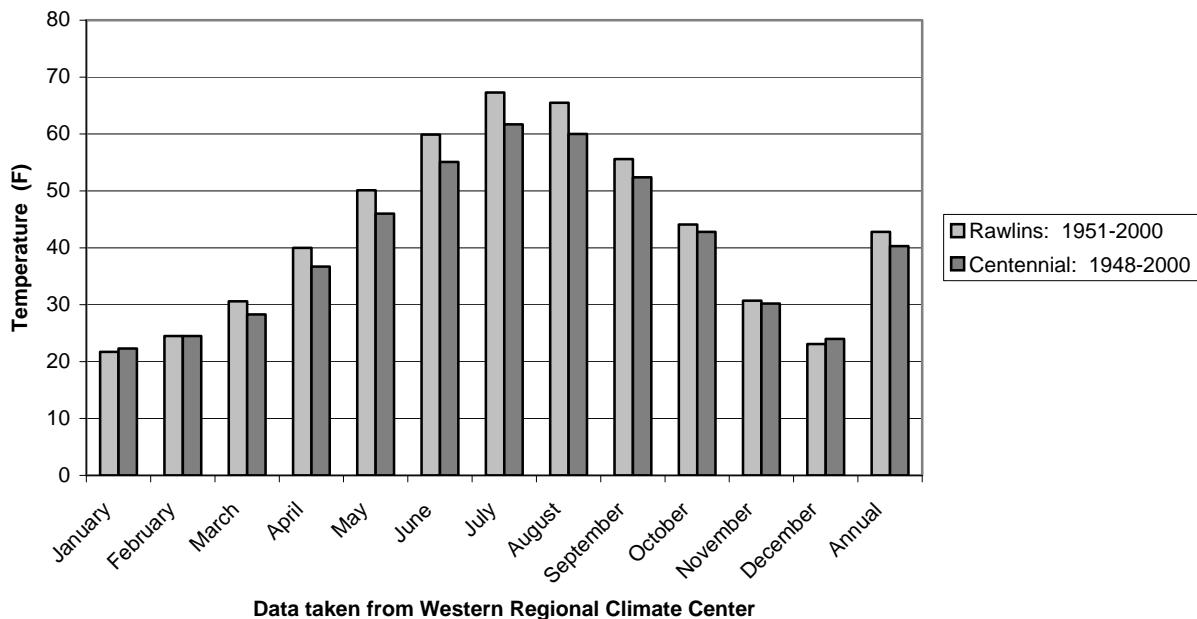


Figure 3-2 Rate of Long-term Trend Temperature Change

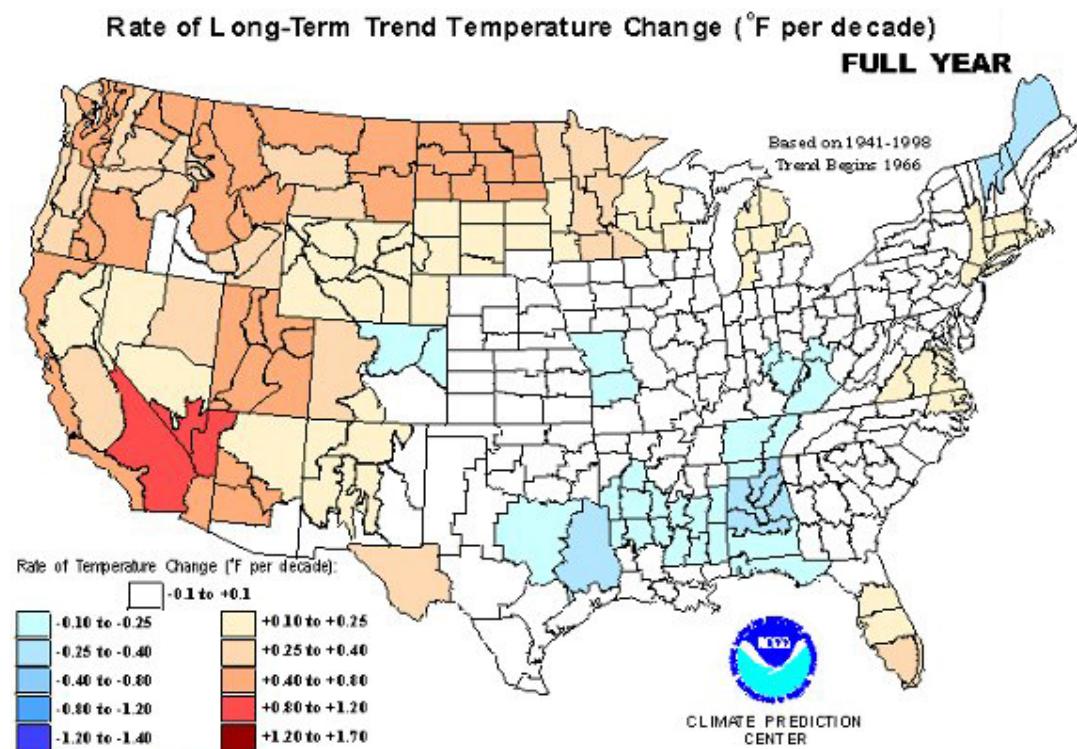
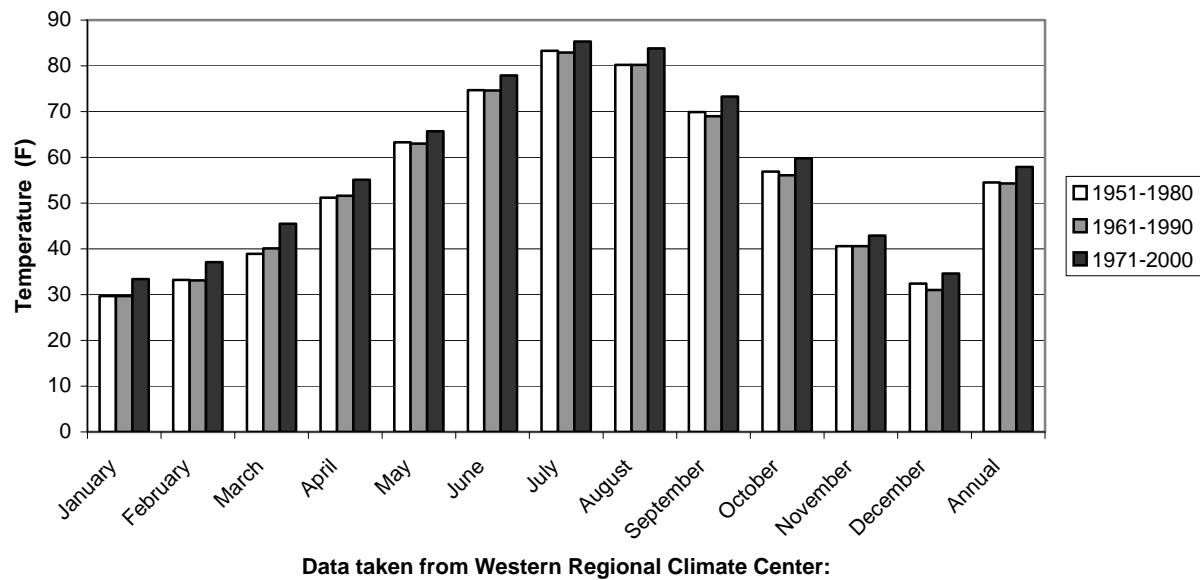
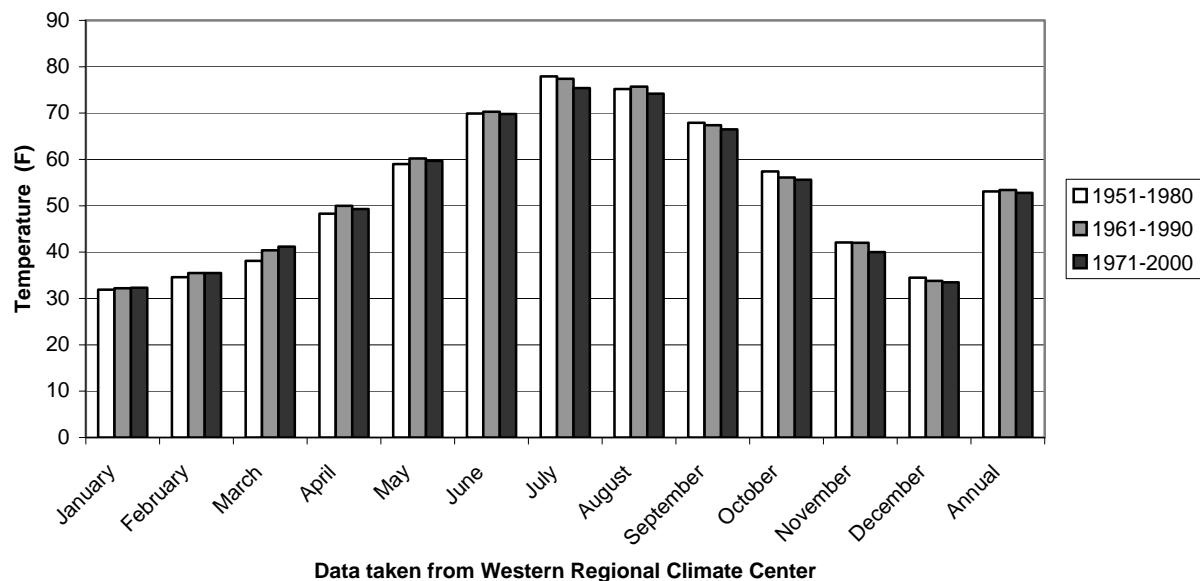


Figure 3-3 Mean Monthly Maximum Temperatures Near Rawlins, Wyoming

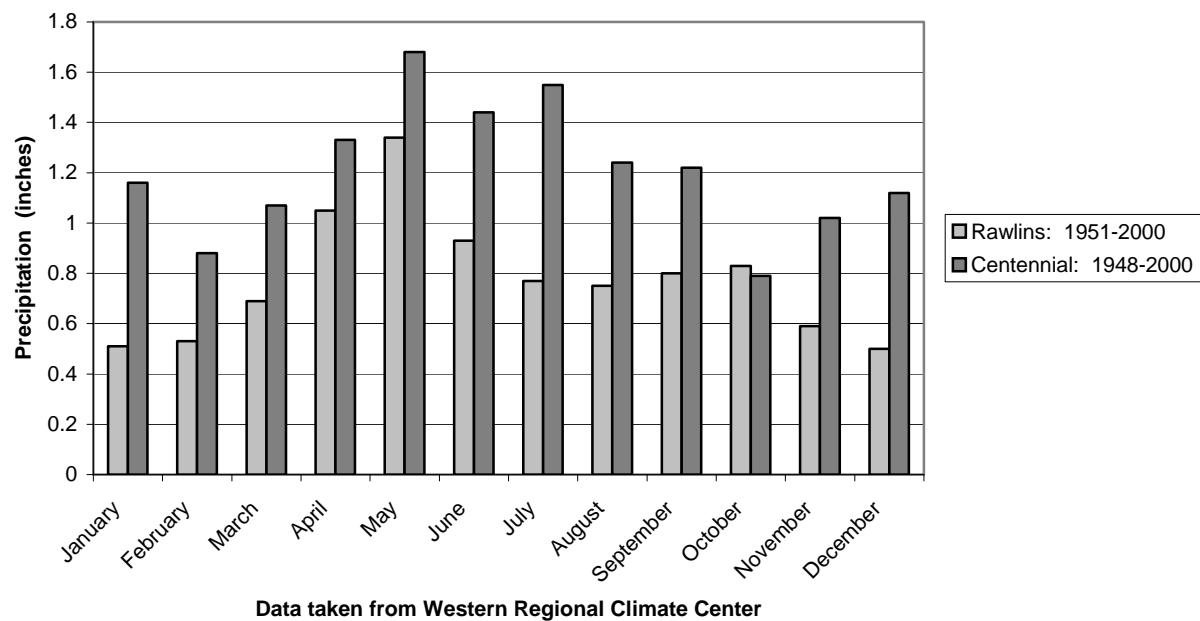


Data taken from Western Regional Climate Center:

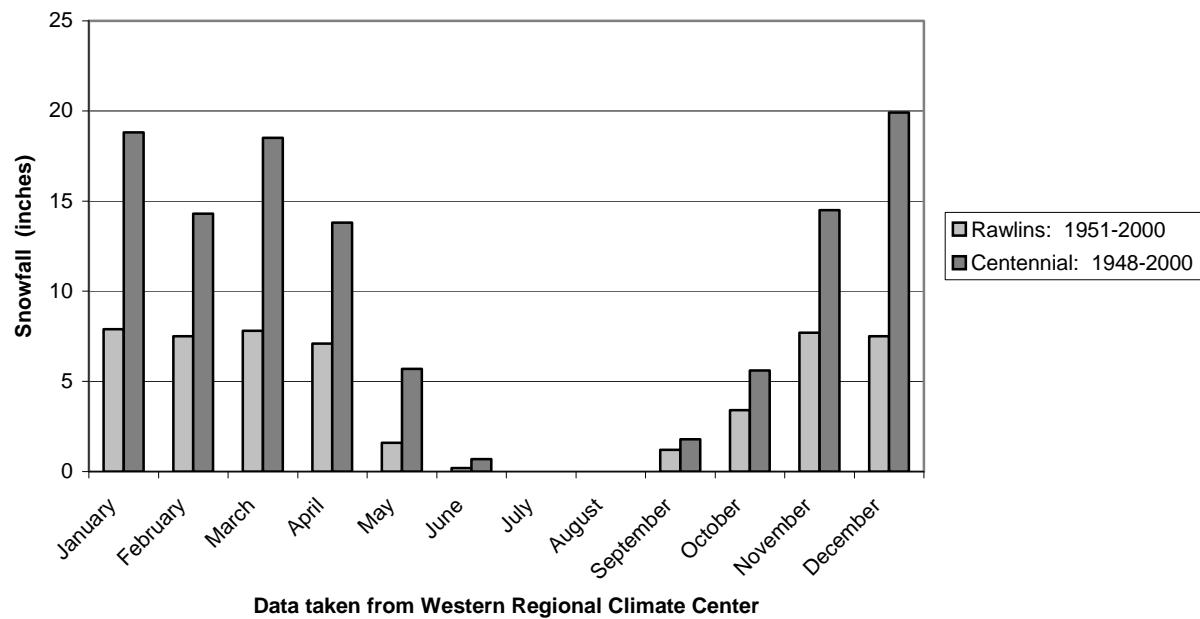
Figure 3-4 Mean Monthly Maximum Temperatures Near Centennial, Wyoming



Data taken from Western Regional Climate Center

Figure 3-5 Mean Monthly Precipitation in the Rawlins RMPPA

Data taken from Western Regional Climate Center

Figure 3-6 Mean Monthly Snowfall in the Rawlins RMPPA

Data taken from Western Regional Climate Center

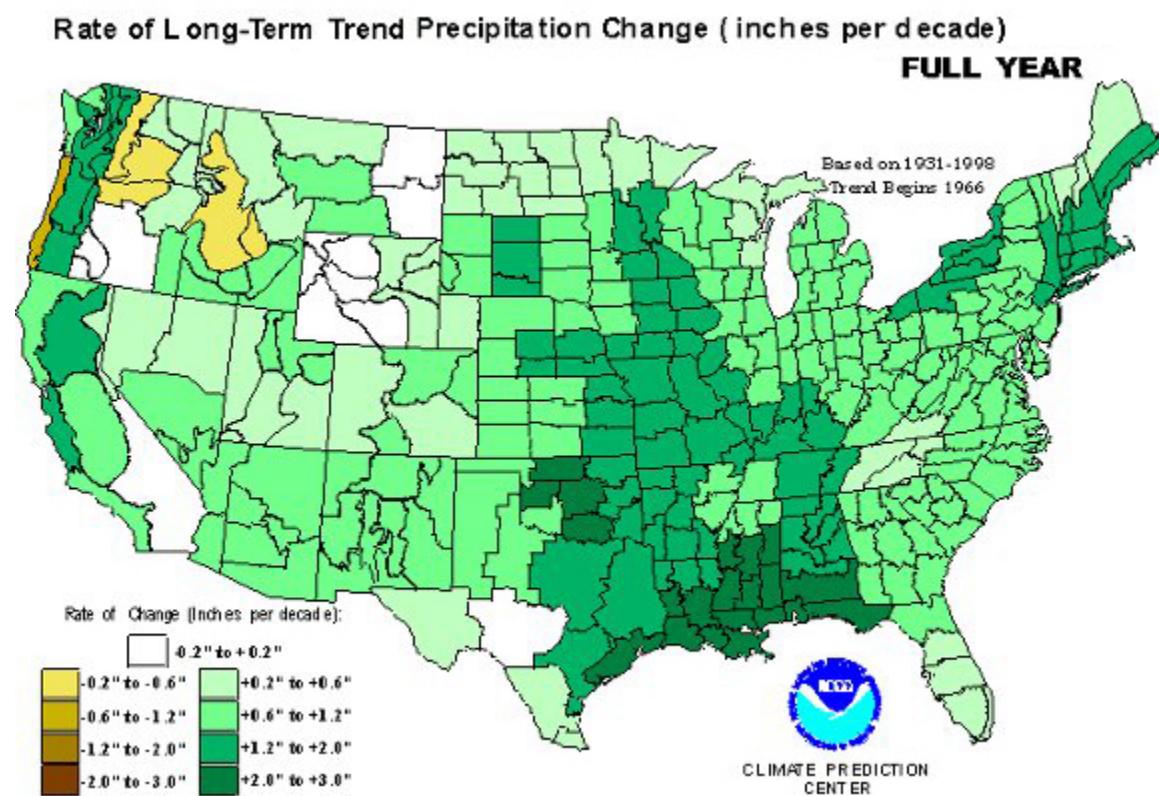
Figure 3-7 Rate of Long-term Trend Precipitation Change

Figure 3-8 Mean Monthly Precipitation Trend Near Rawlins, Wyoming

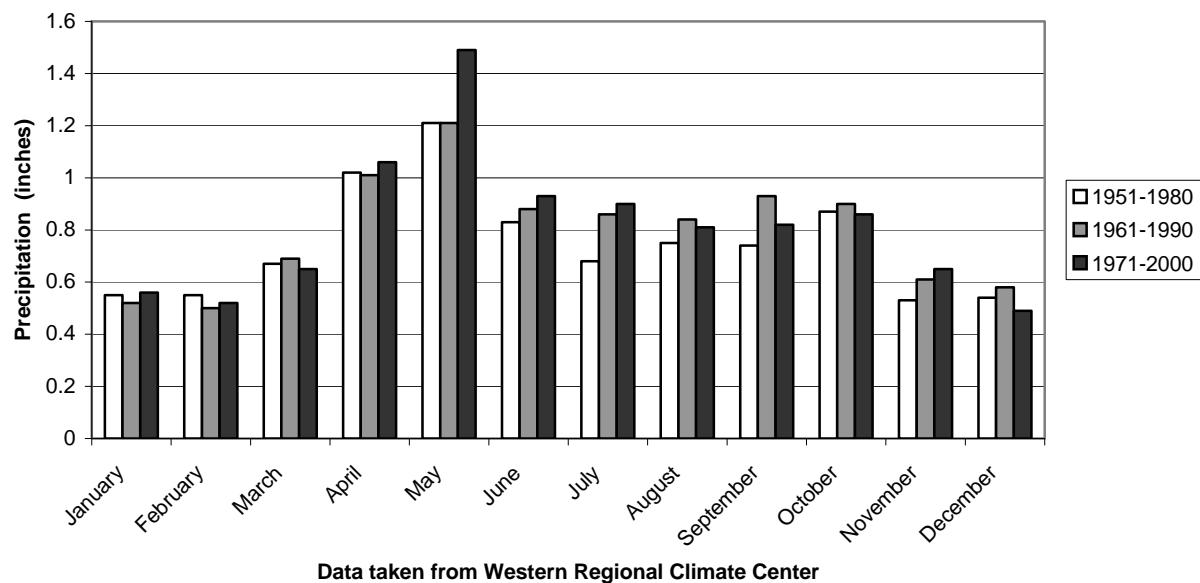


Figure 3-9 Mean Monthly Precipitation Trend Near Centennial, Wyoming

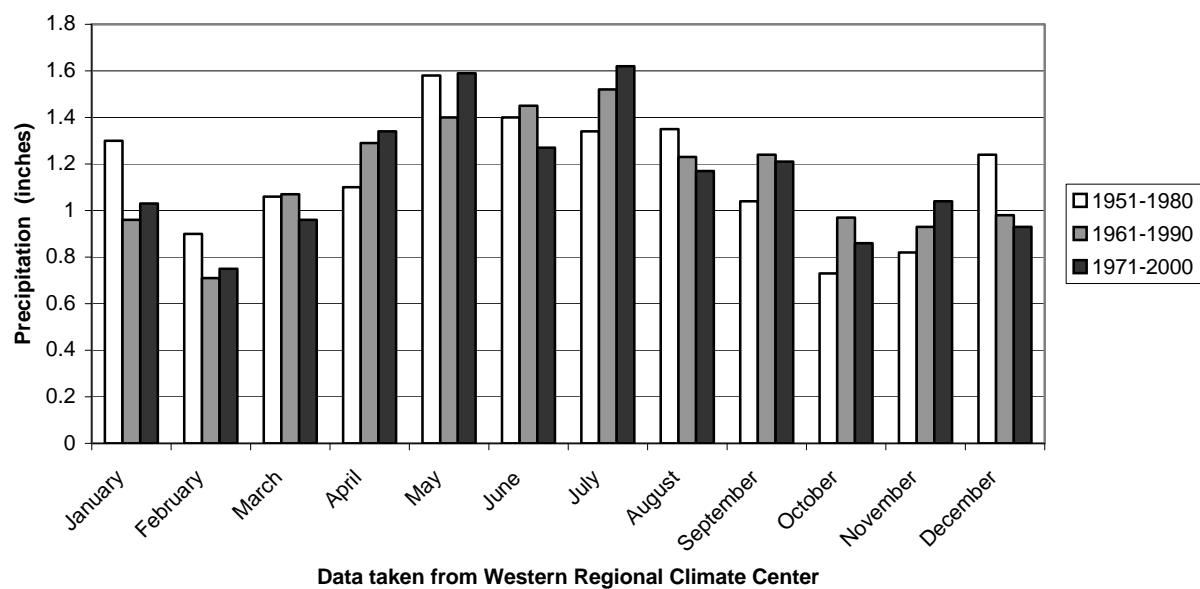


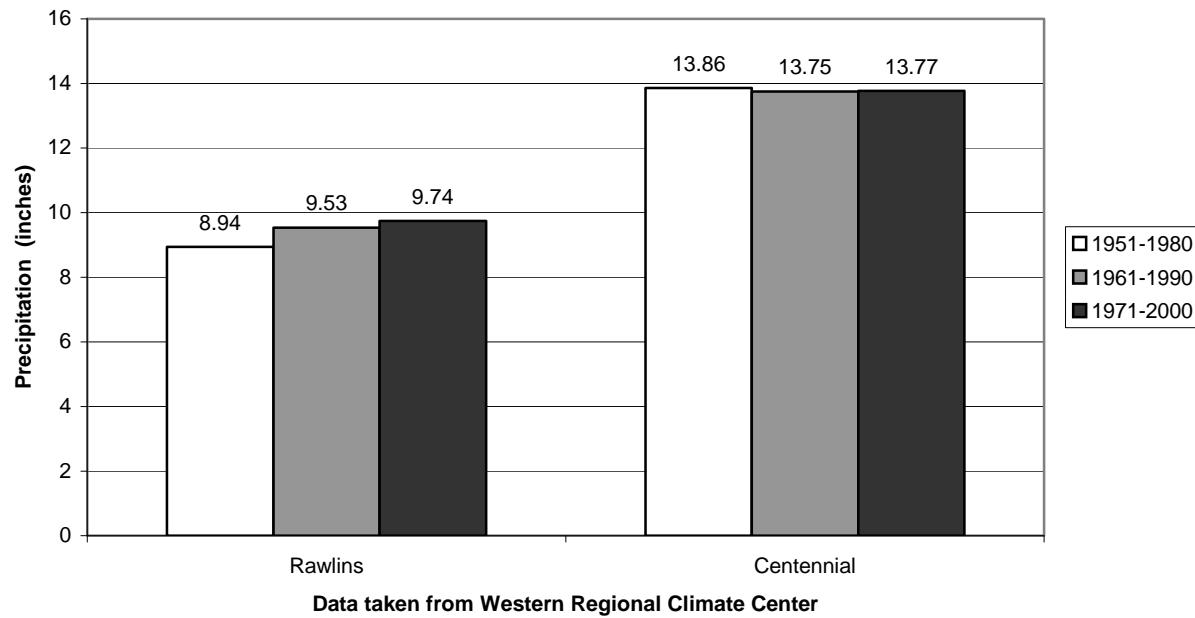
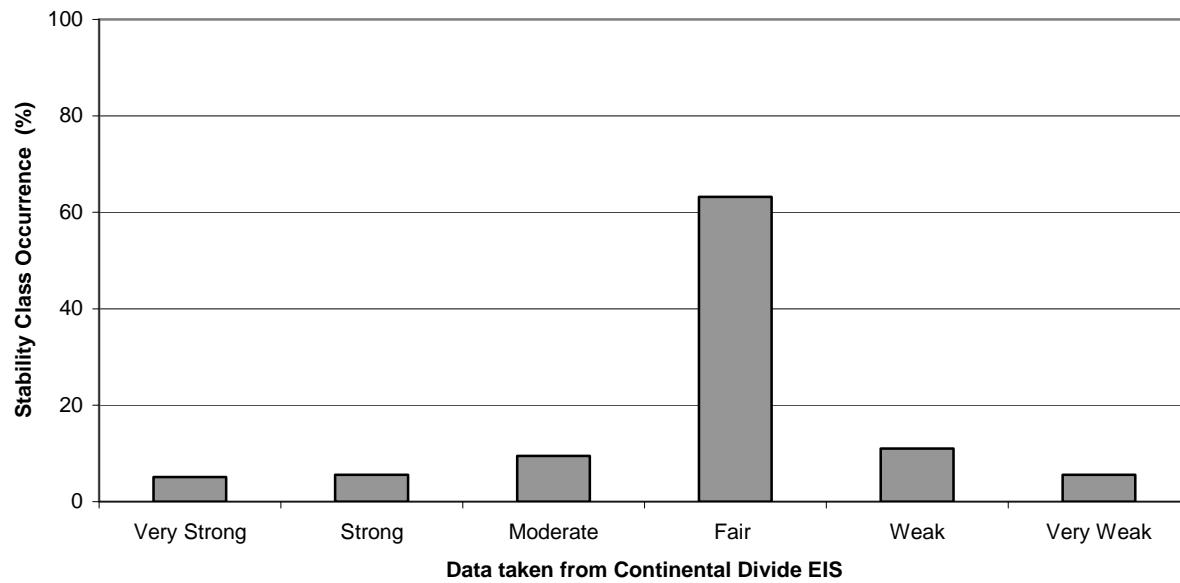
Figure 3-10 Mean Annual Precipitation Trend in the Rawlins RMPPA**Figure 3-11 Capacity to Disperse Air Pollutants in Rock Springs, Wyoming**

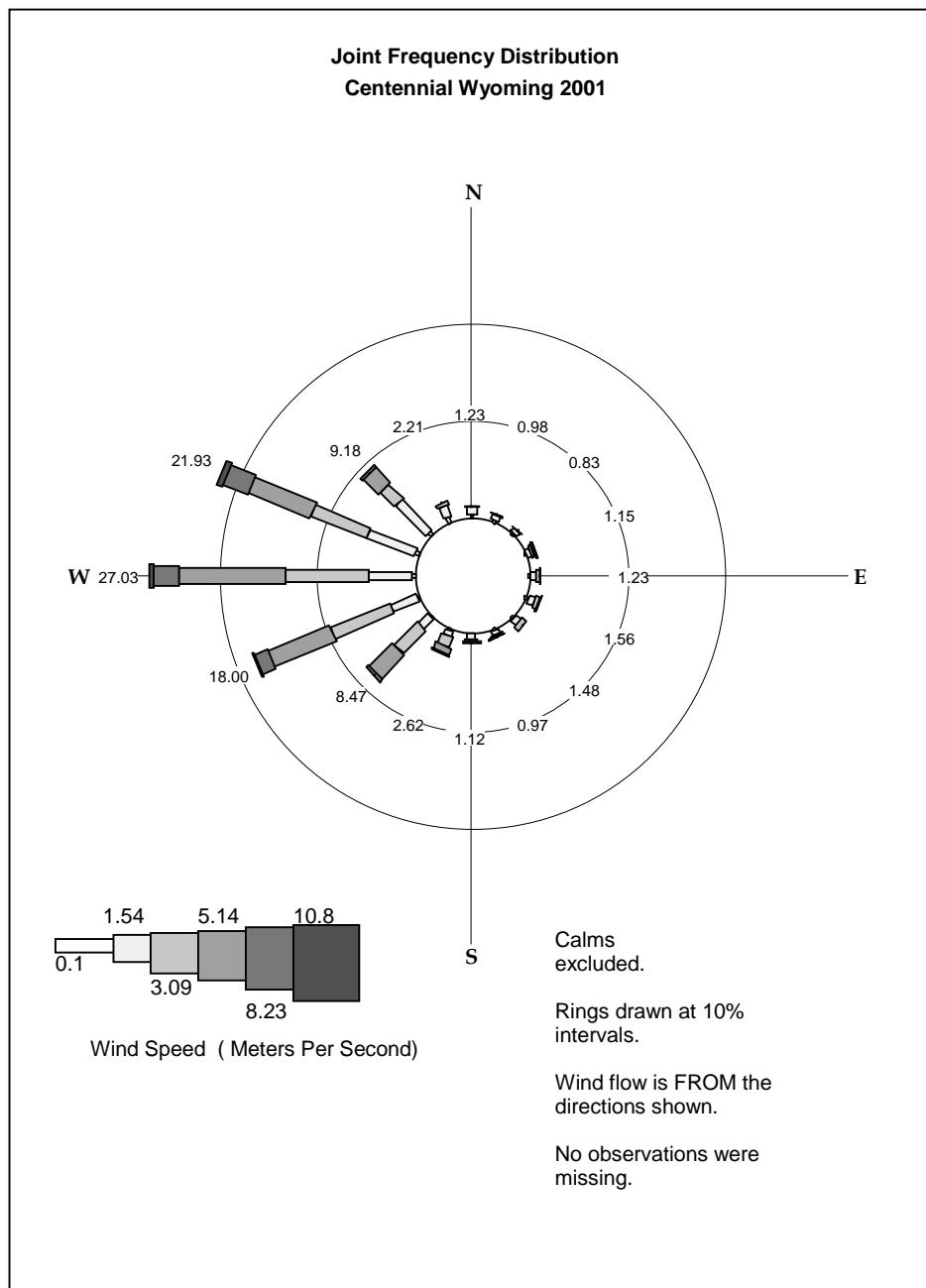
Figure 3-12 Wind Rose for Centennial, Wyoming

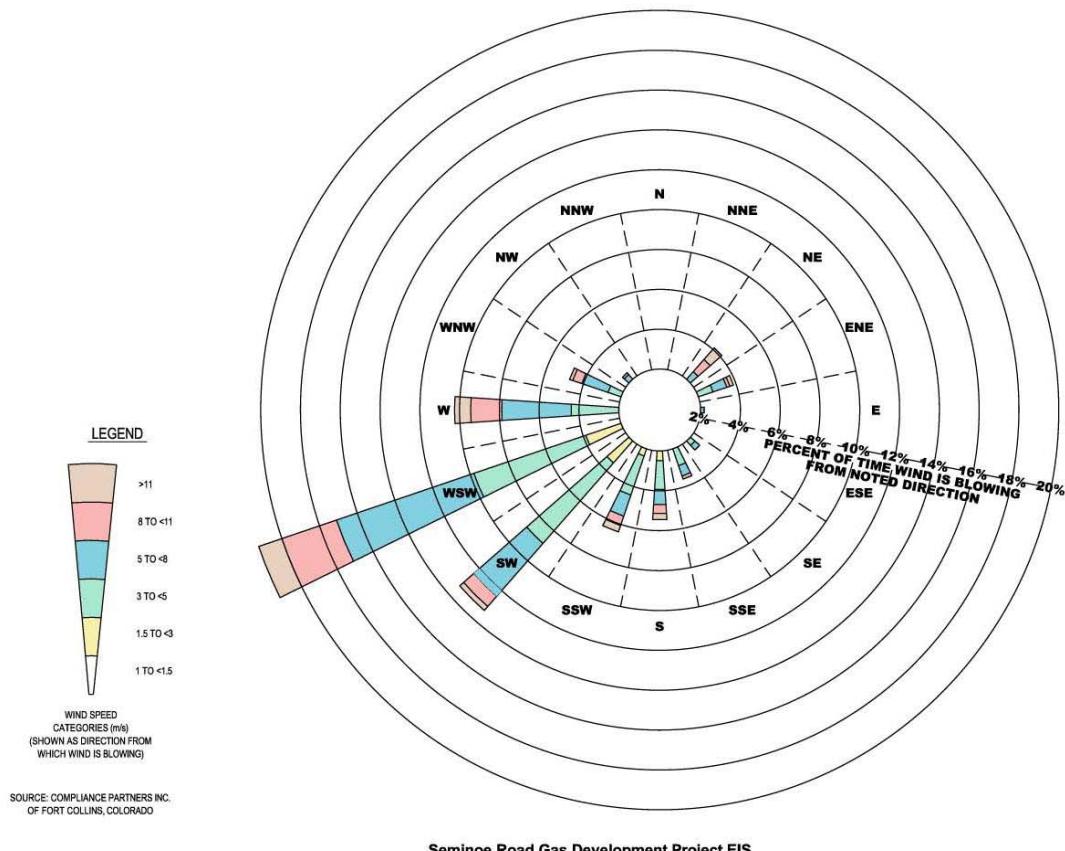
Figure 3-13 Wind Rose for Rawlins, Wyoming Airport

Figure 3-14 Mean Annual Concentrations of Nitrogen Compounds Near Centennial, Wyoming

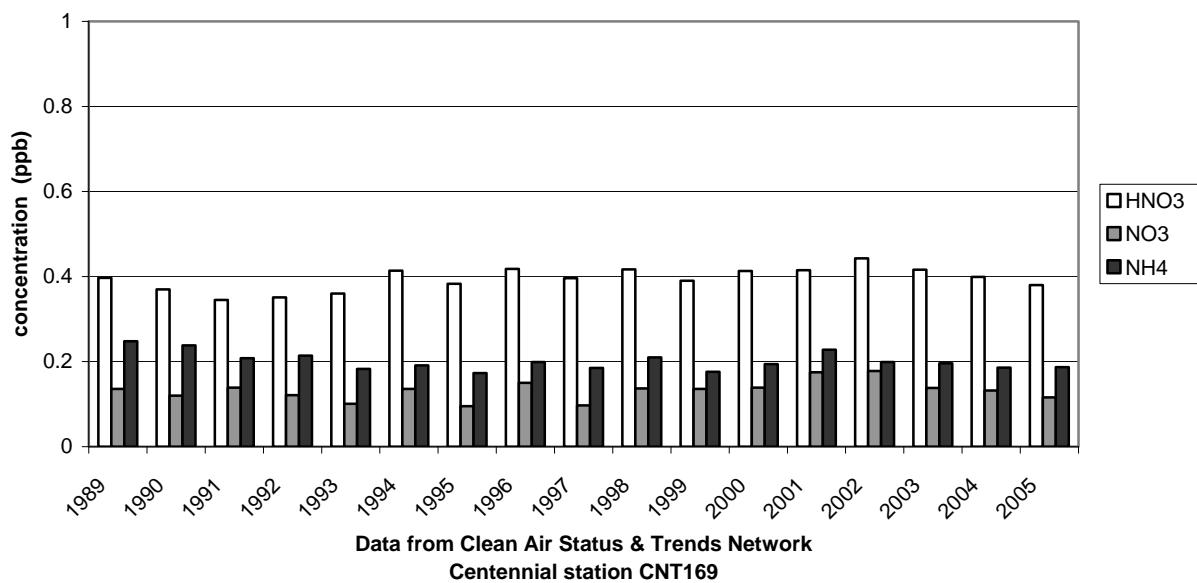


Figure 3-15 Mean Annual Concentrations of Nitrogen Compounds in Rocky Mountain National Park, Colorado

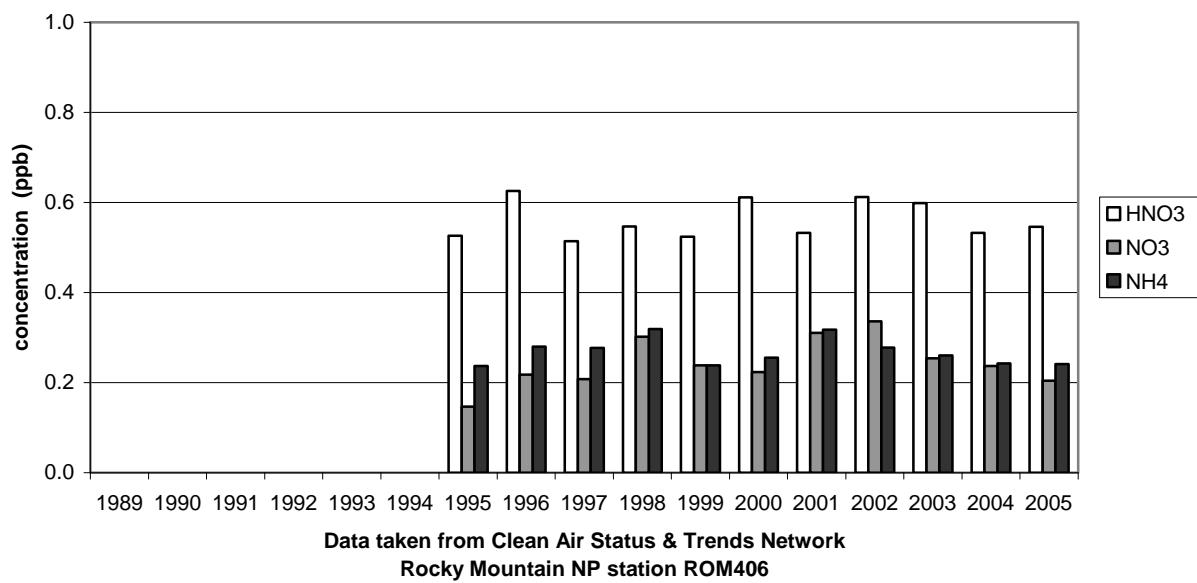


Figure 3-16 Weekly Total Nitrate Concentrations Near Centennial, Wyoming

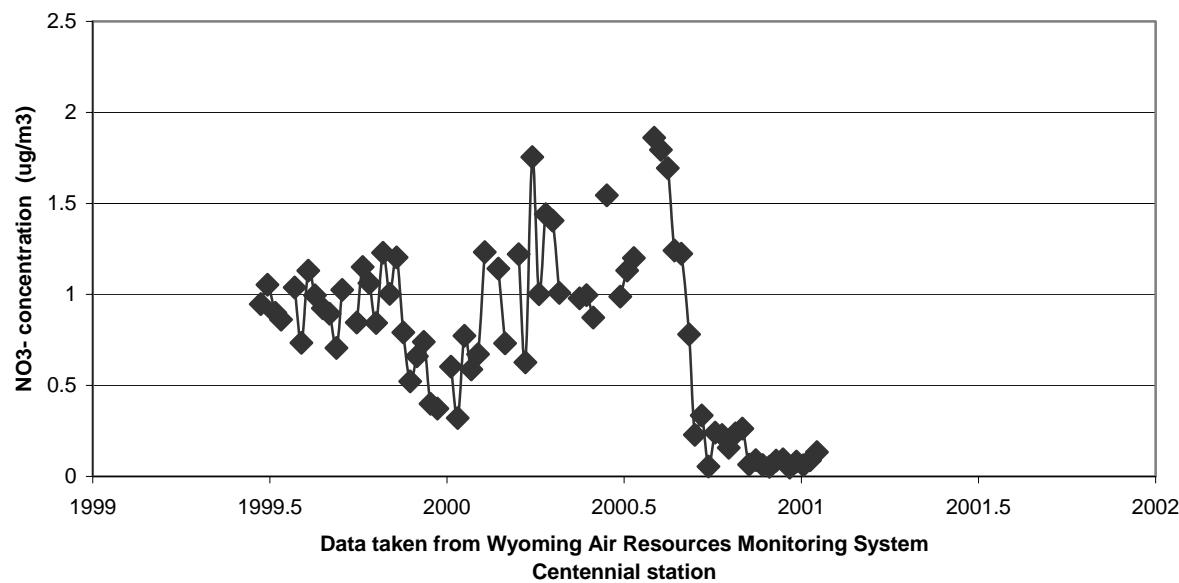


Figure 3-17 Weekly Ammonium Concentrations Near Centennial, Wyoming

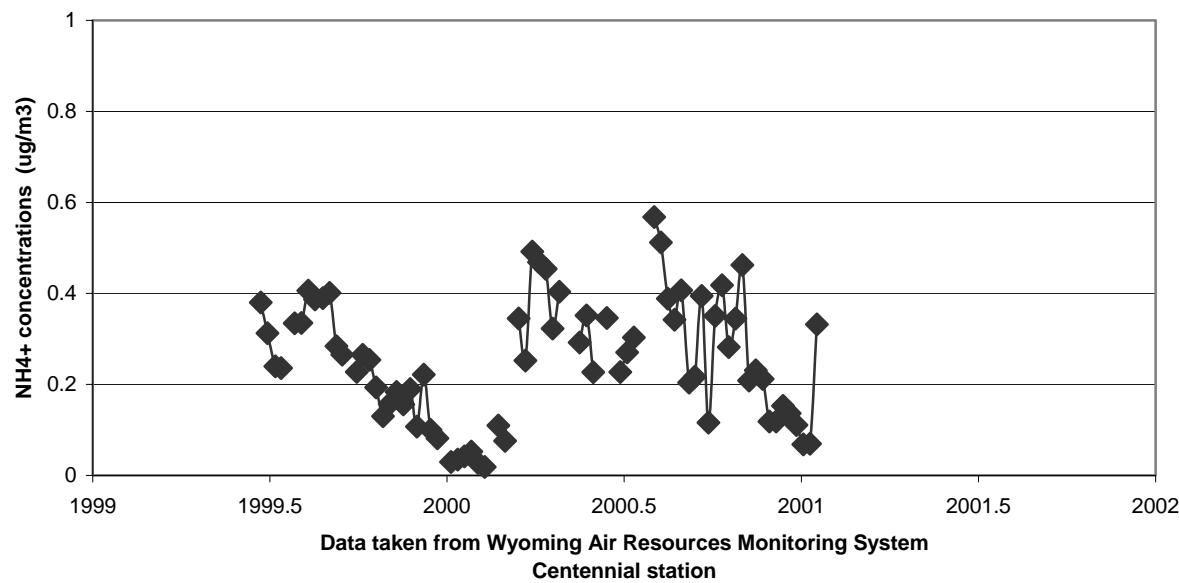


Figure 3-18 Mean Annual Concentrations of Sulfur Compounds Near Centennial, Wyoming

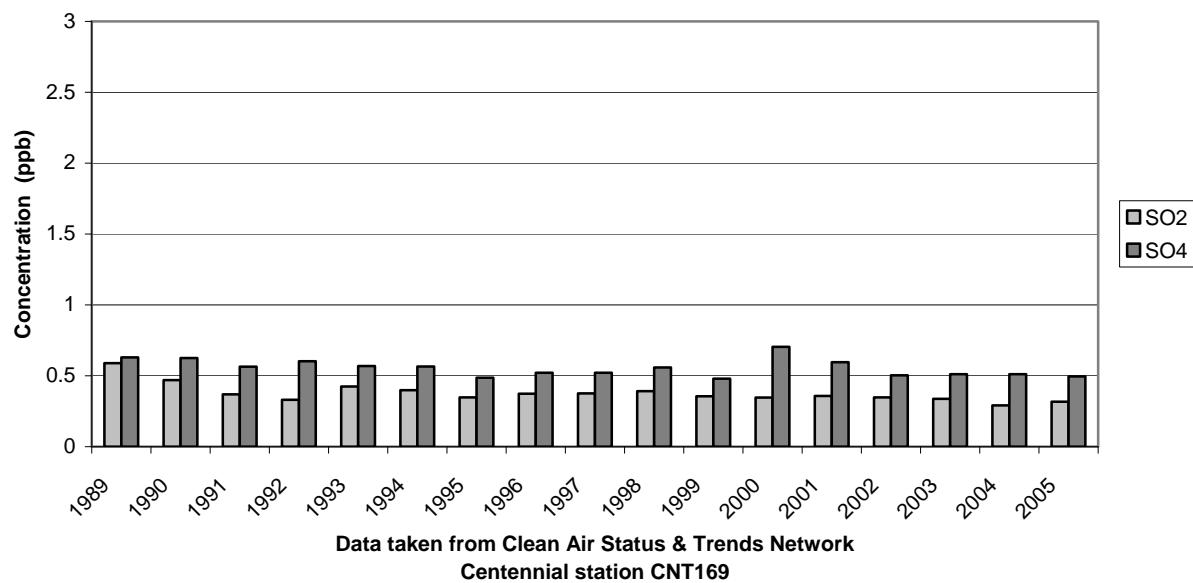


Figure 3-19 Mean Annual Concentrations of Sulfur Compounds in Rocky Mountain National Park, Colorado

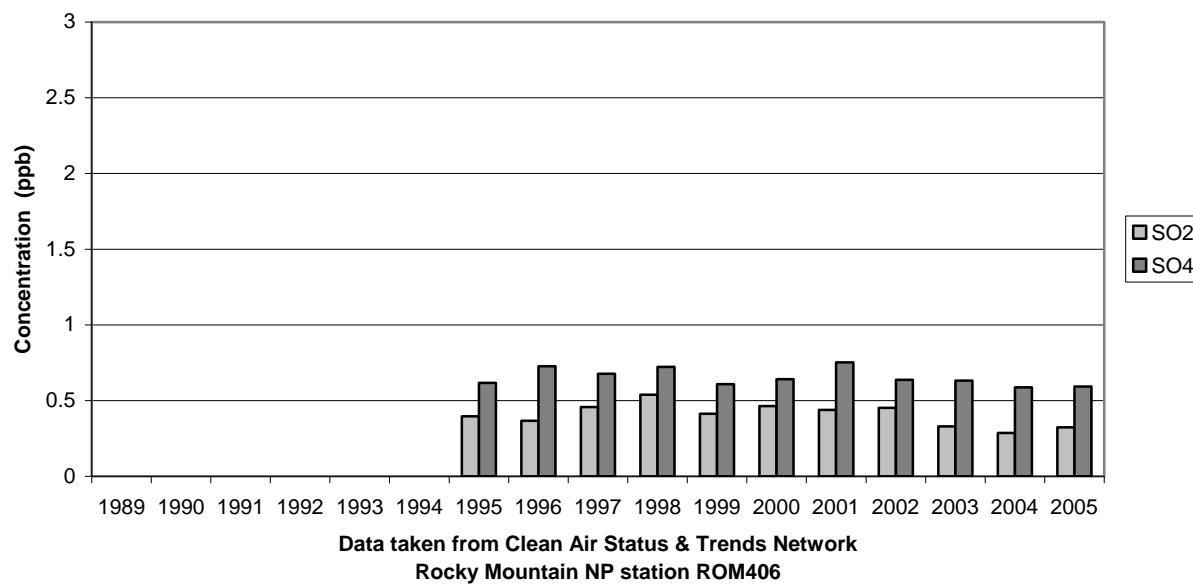


Figure 3-20 Weekly Sulfur Dioxide Concentrations Near Centennial, Wyoming

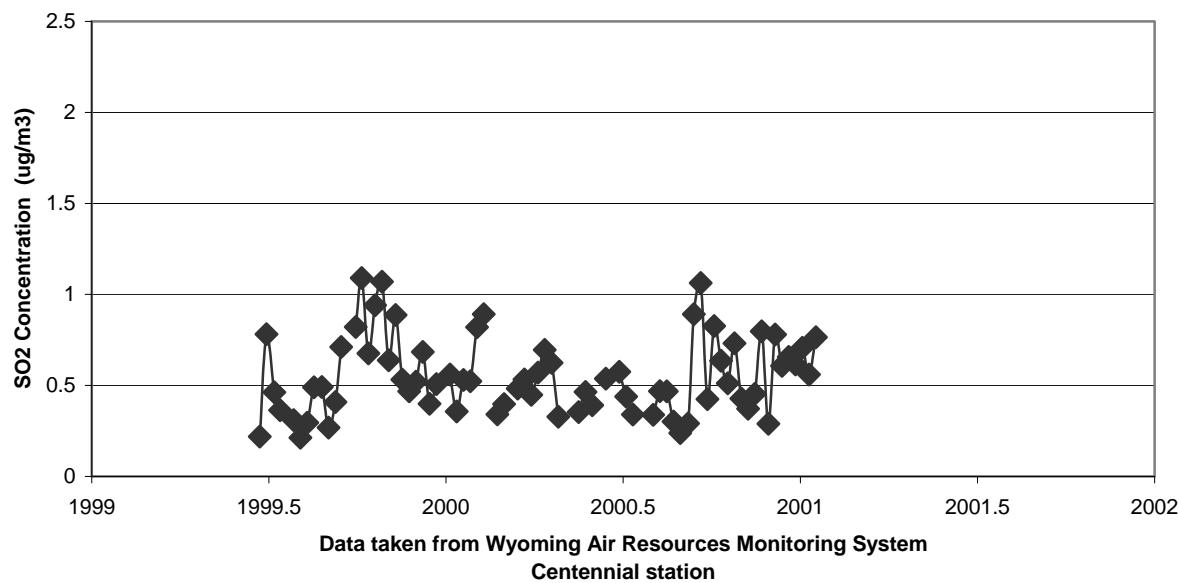


Figure 3-21 Weekly Sulfate Concentrations Near Centennial, Wyoming

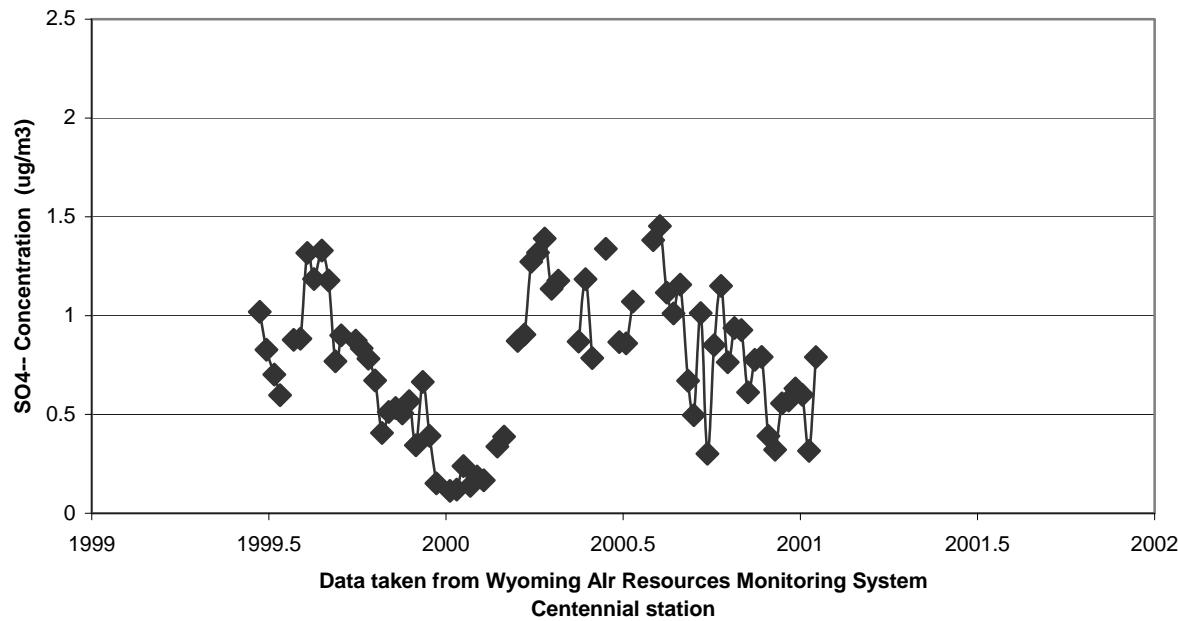


Figure 3-22 Mean Annual Ozone Concentrations in and Near the Rawlins RMPPA

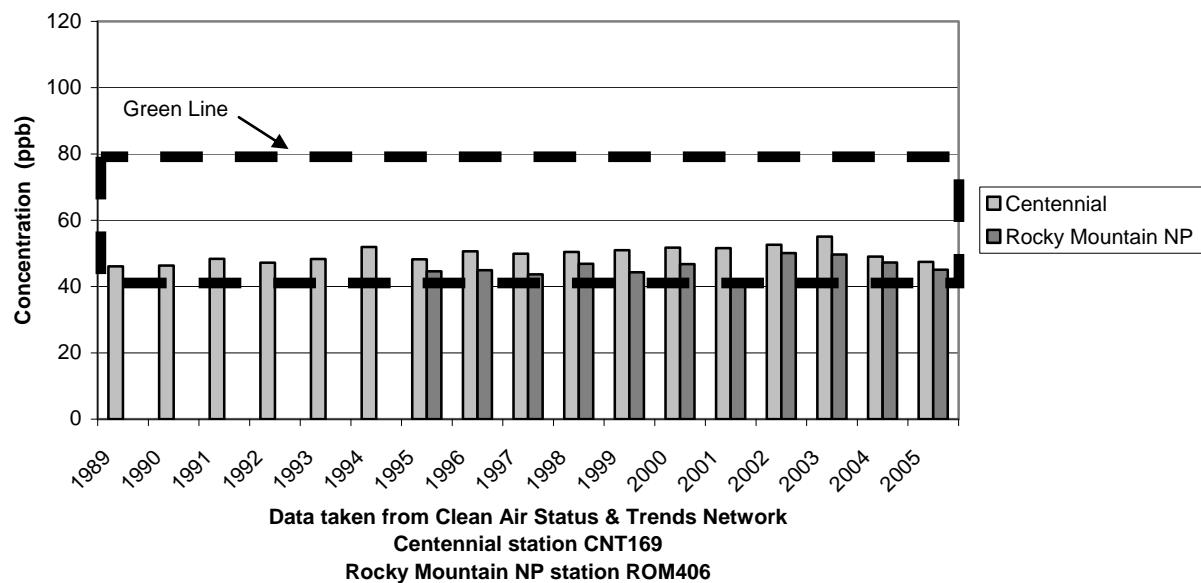


Figure 3-23 Visibility in Rocky Mountain National Park, Colorado
Visibility reported as deciview

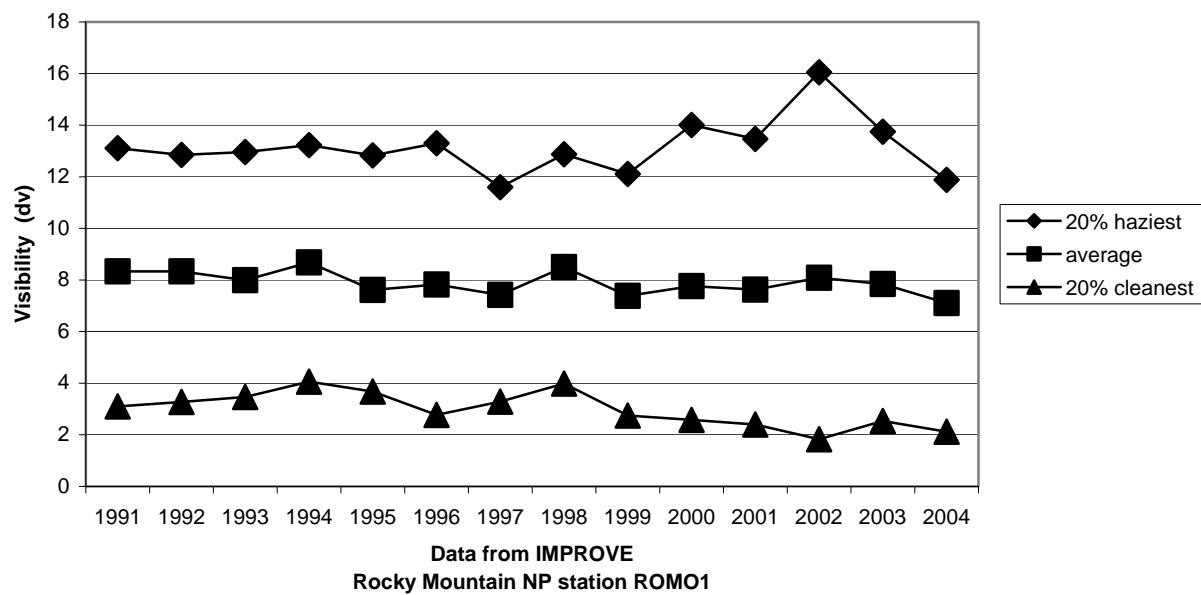


Figure 3-24 Annual Visibility in Bridger Wilderness, Wyoming
Visibility reported as deciview

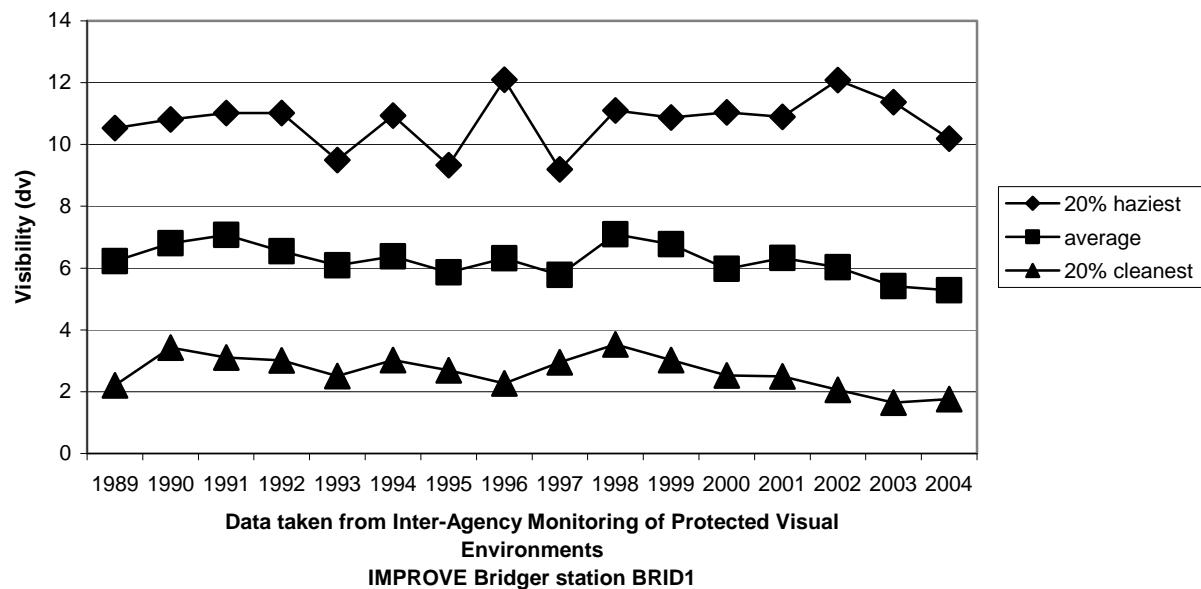


Figure 3-25 Annual Visibility in Rocky Mountain National Park, Colorado
Visibility reported as reconstructed fine mass

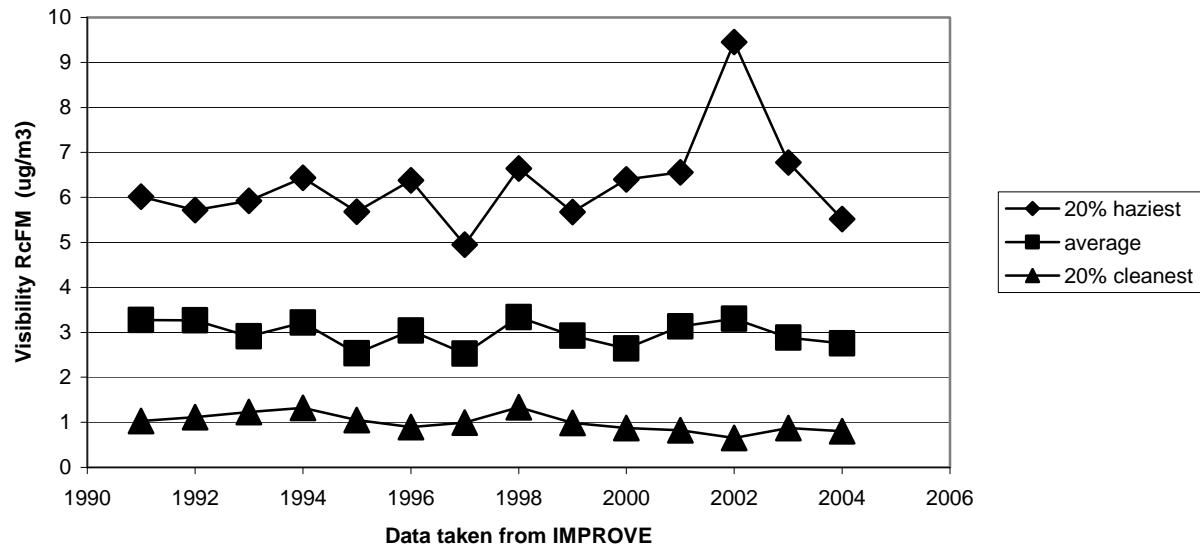
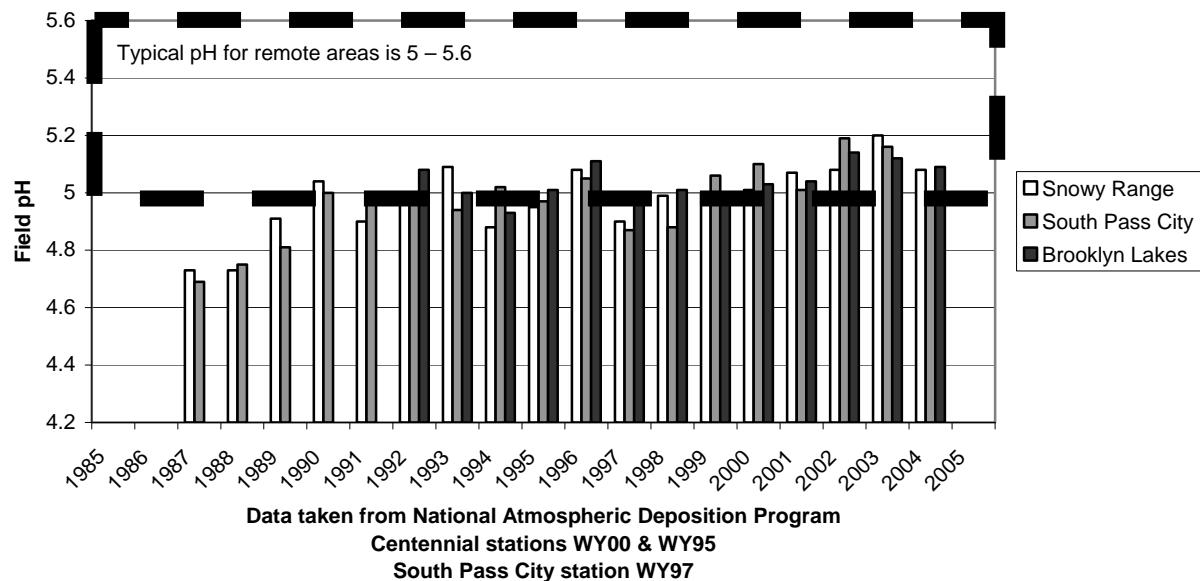


Figure 3-26 Mean Annual Precipitation pH in and Near the Rawlins RMPPA



Hydrogen ion concentration as pH from measurements made at the Central Analytical Laboratory, 2005

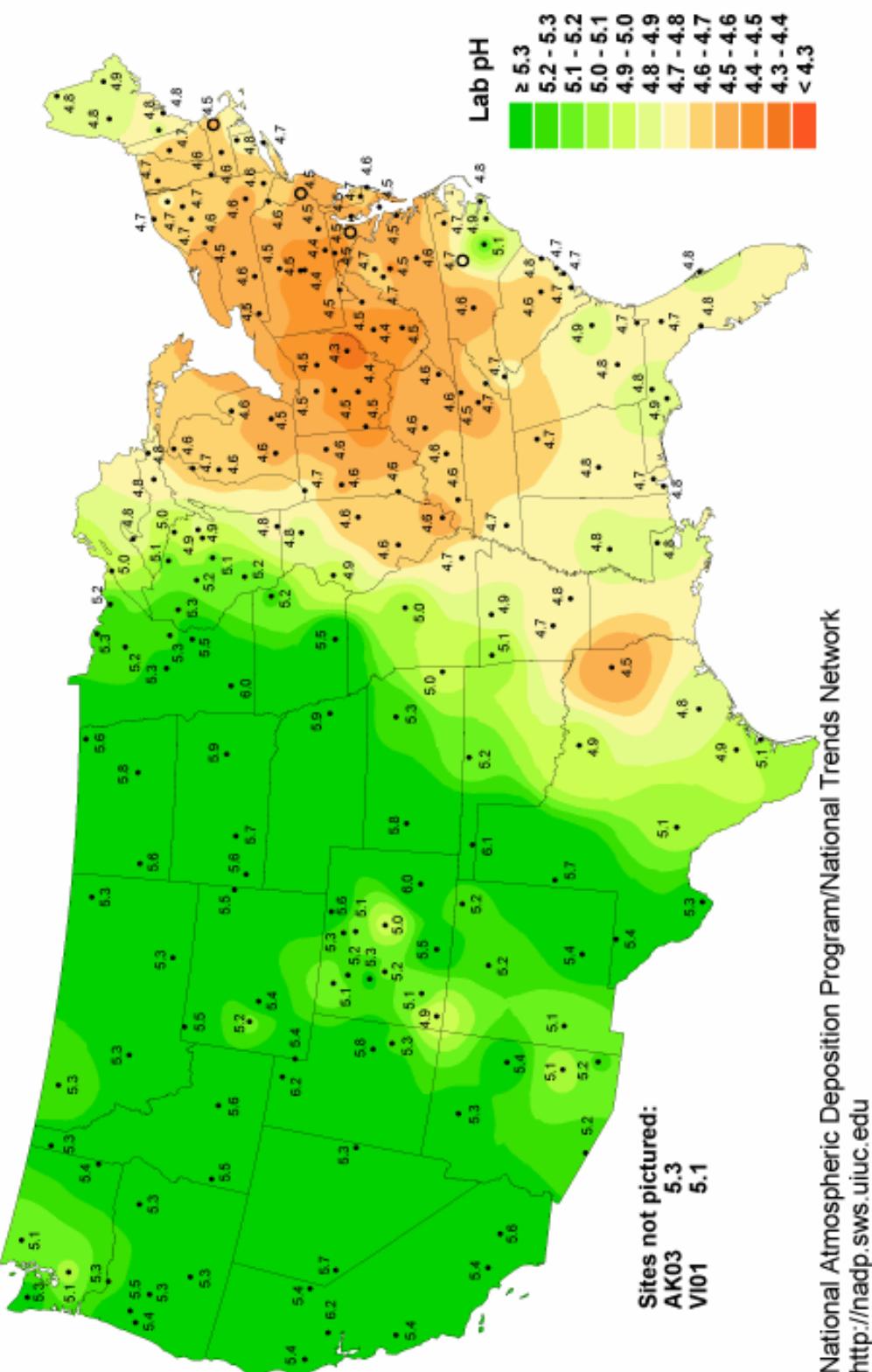


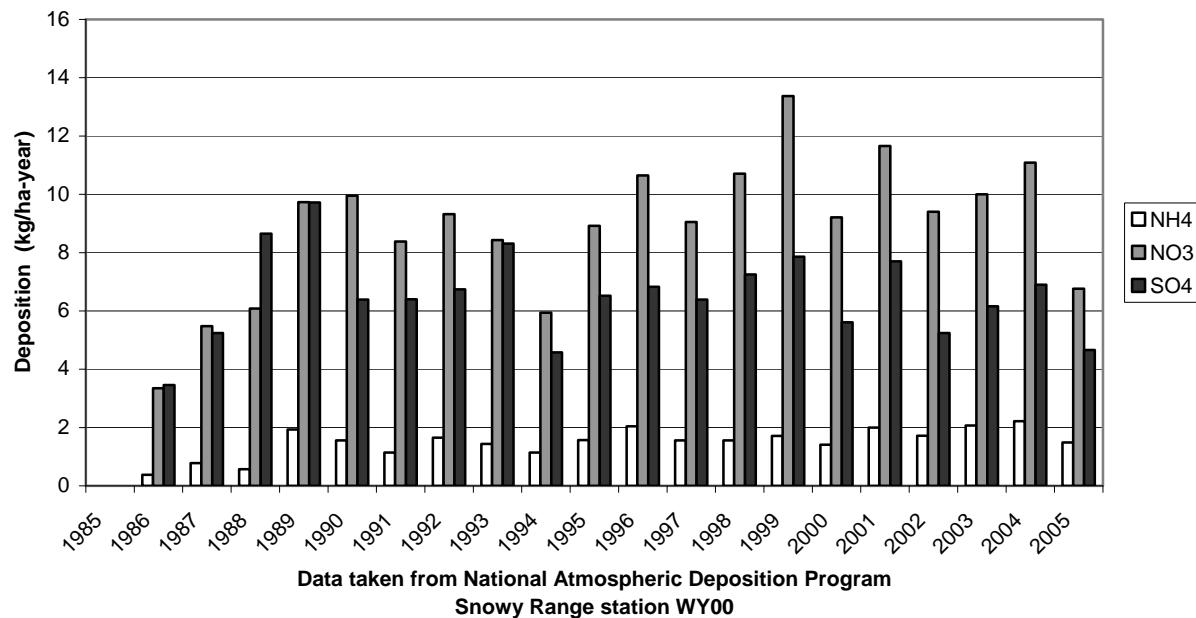
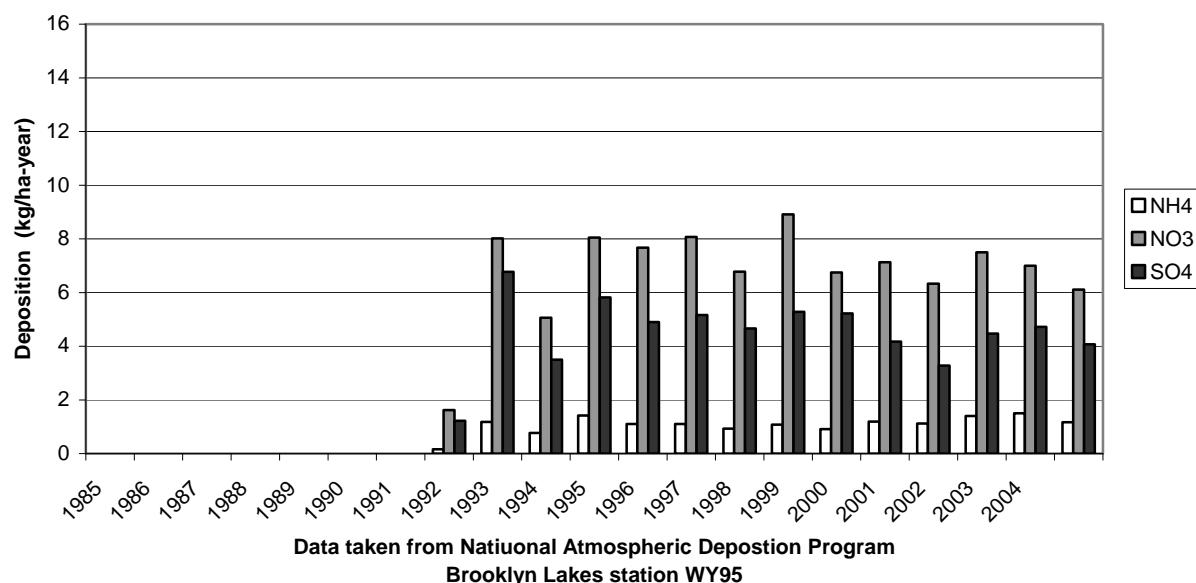
Figure 3-28 Mean Annual Wet Deposition Near Centennial, Wyoming**Figure 3-29 Mean Annual Wet Deposition Near Brooklyn Lakes, Wyoming**

Figure 3-30 Mean Annual Dry Deposition of Sulfur and Nitrogen Compounds Near Centennial, Wyoming

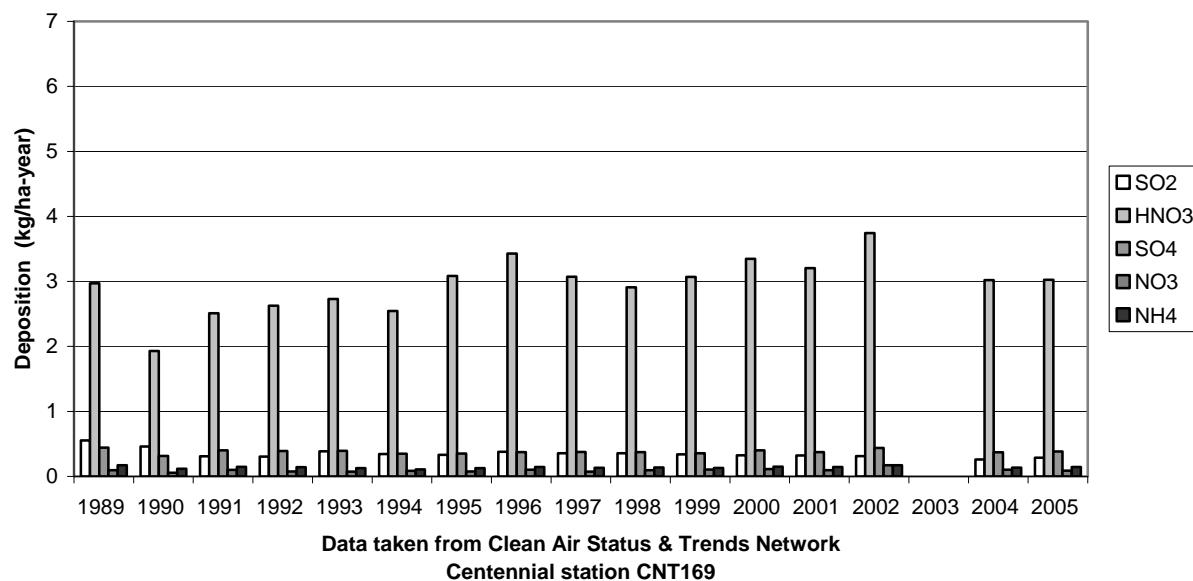
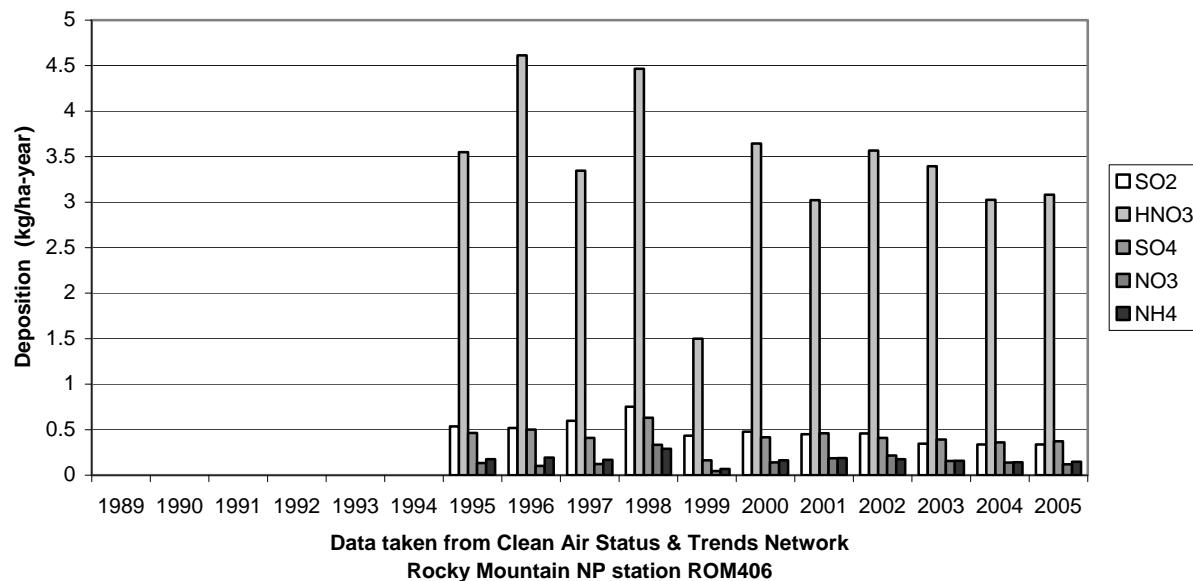
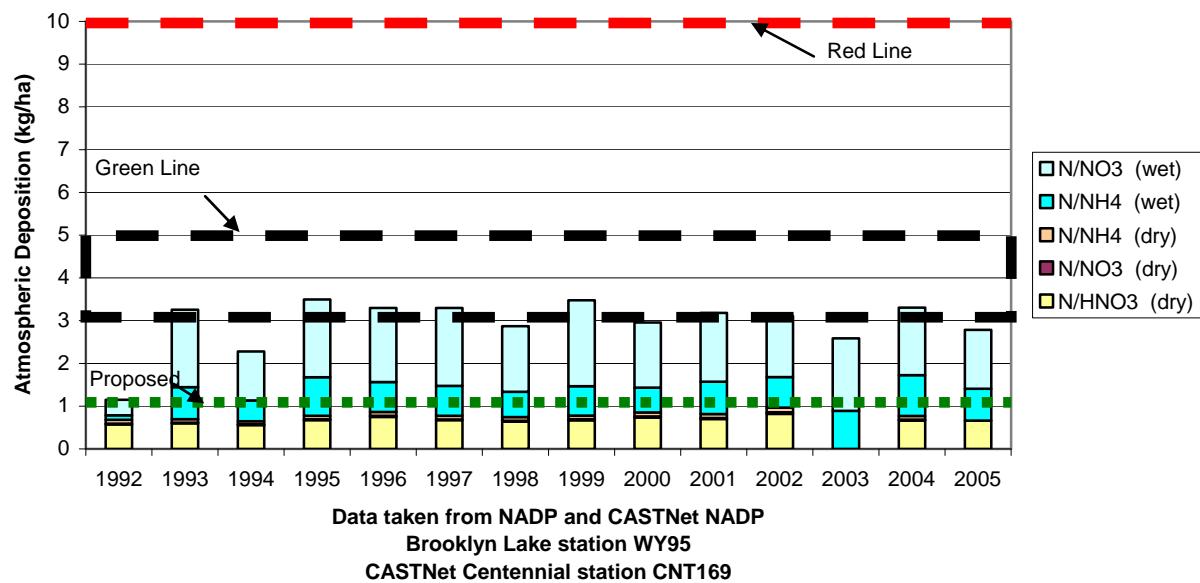


Figure 3-31 Mean Annual Dry Deposition of Sulfur and Nitrogen Compounds in Rocky Mountain National Park, Colorado



**Figure 3-32 Annual Total Nitrogen Deposition
in the Rawlins RMPPA**



**Figure 3-33 Annual Total Sulfur Deposition
in the Rawlins RMPPA**

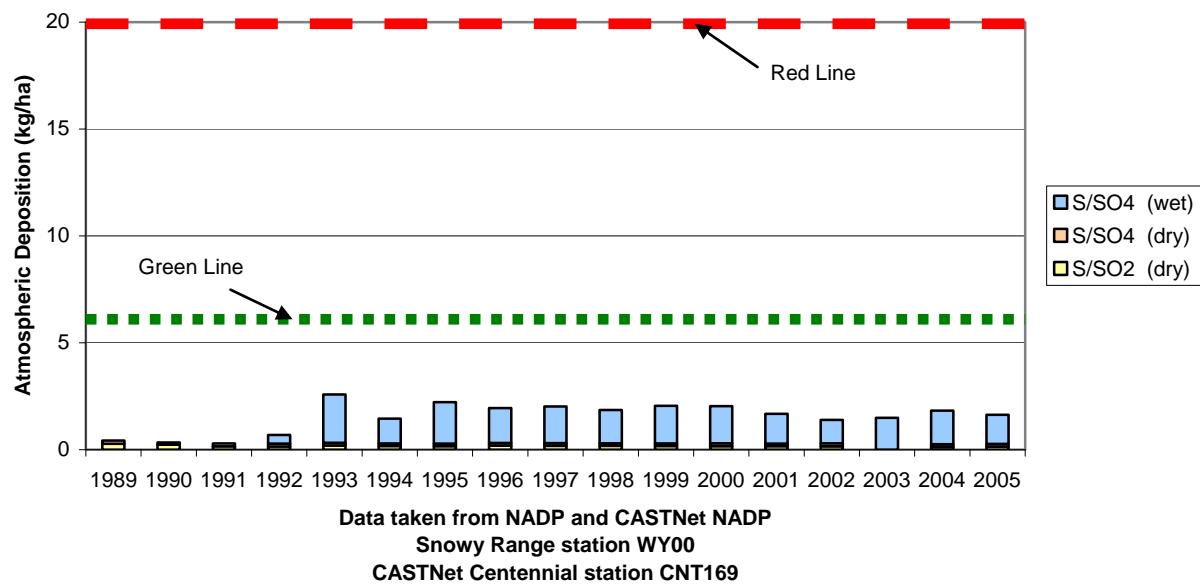


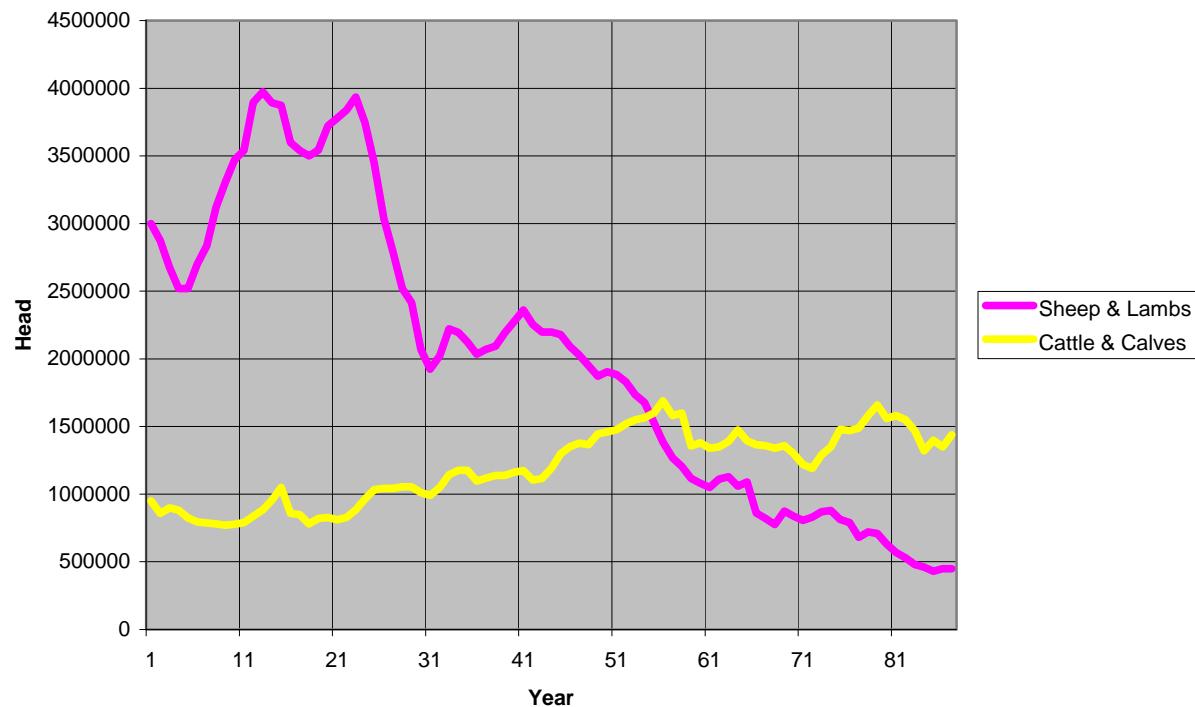
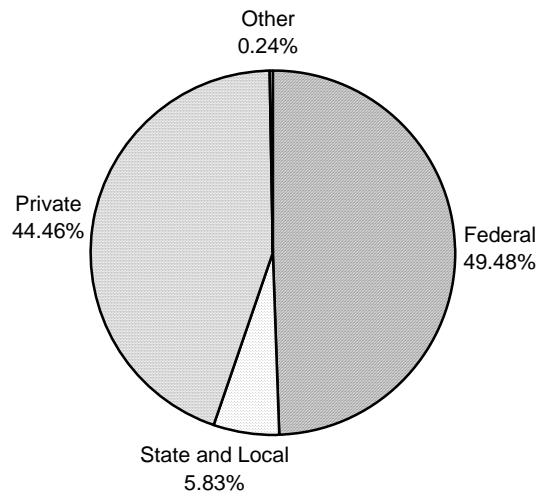
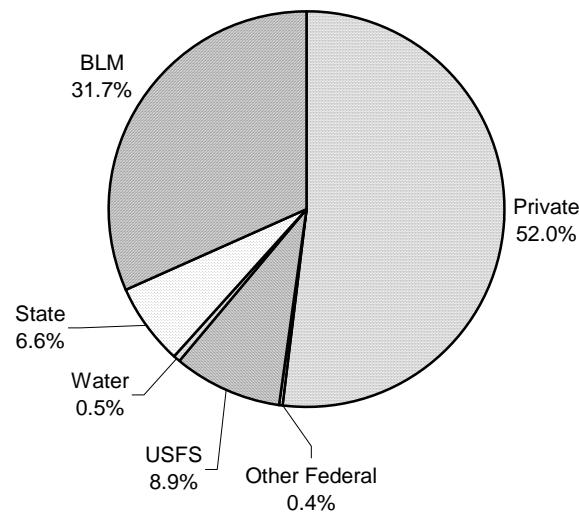
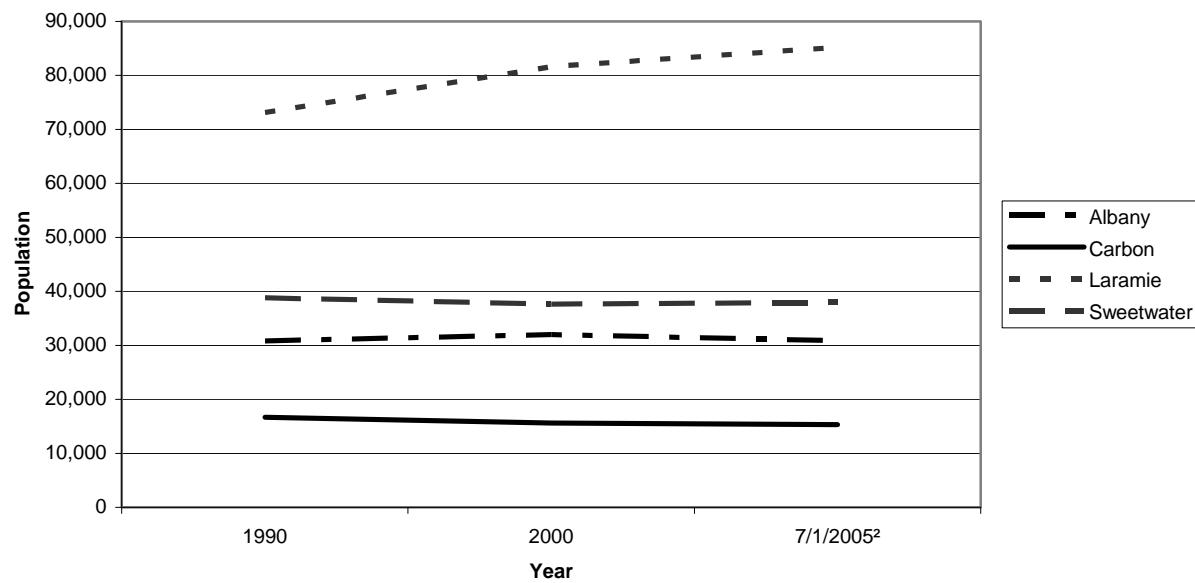
Figure 3-34 Sheep and Cattle Numbers in Wyoming**Figure 3-35 Land Ownership in the Four County Socioeconomic Study Area**

Figure 3-36 Land Ownership - Rawlins RMPPA**Figure 3-37 Population Estimates for Counties in the RMPPA, 1990-2005.**

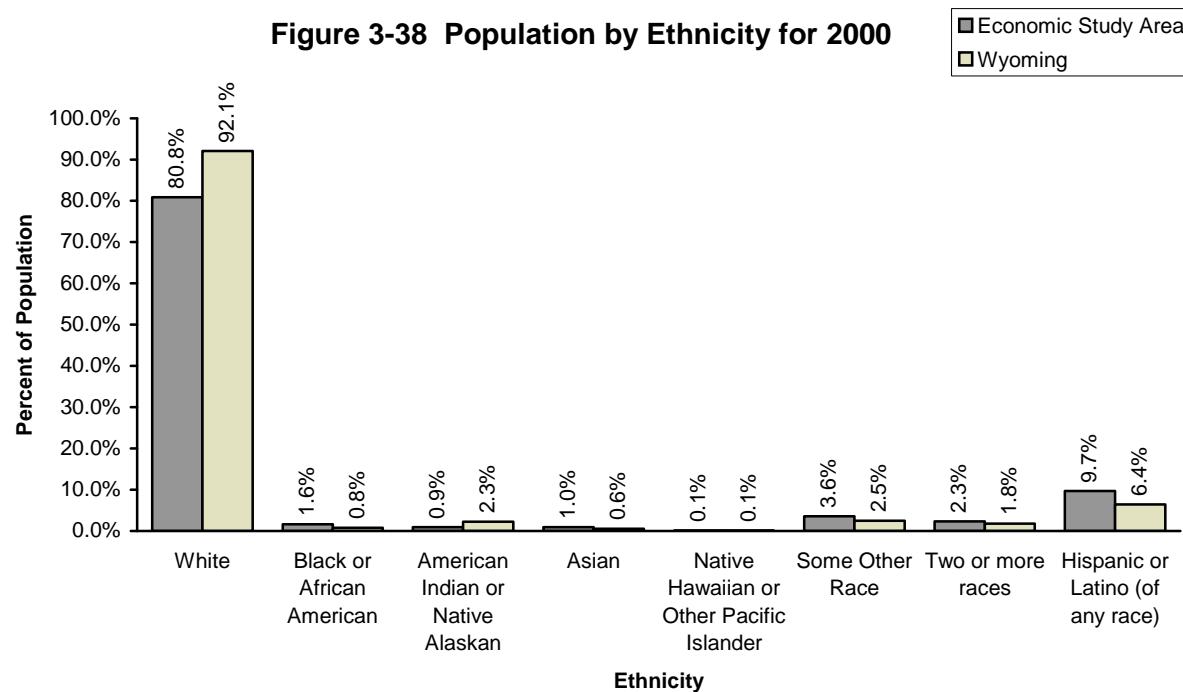


Figure 3-39 Personal Income Trends 1990-2000 (2001\$)

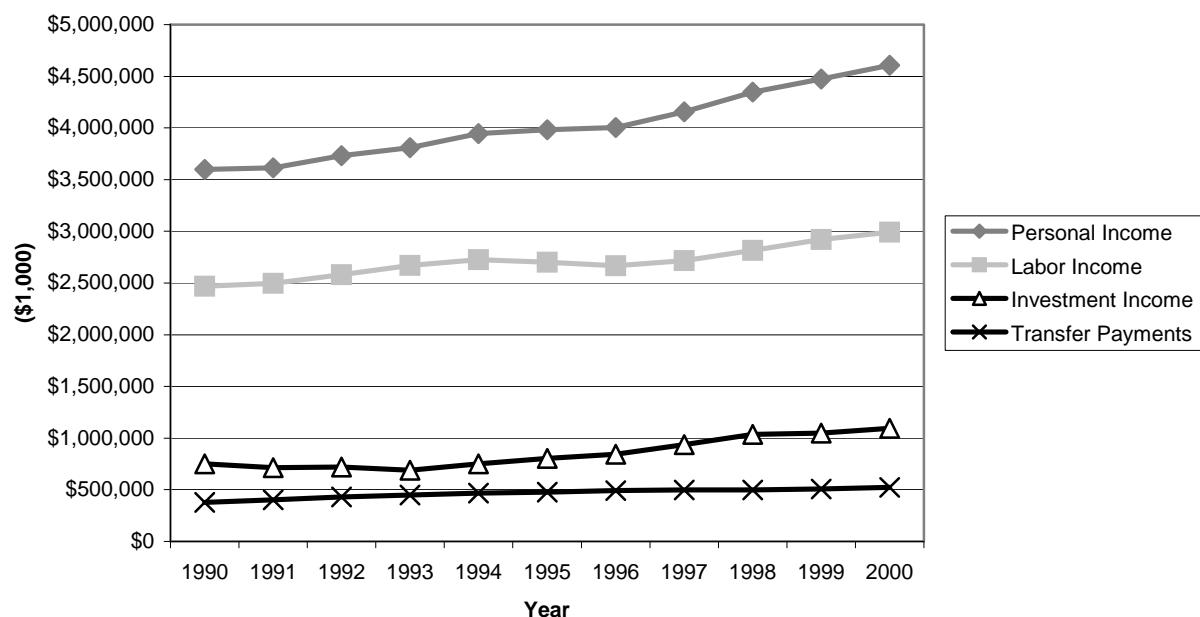
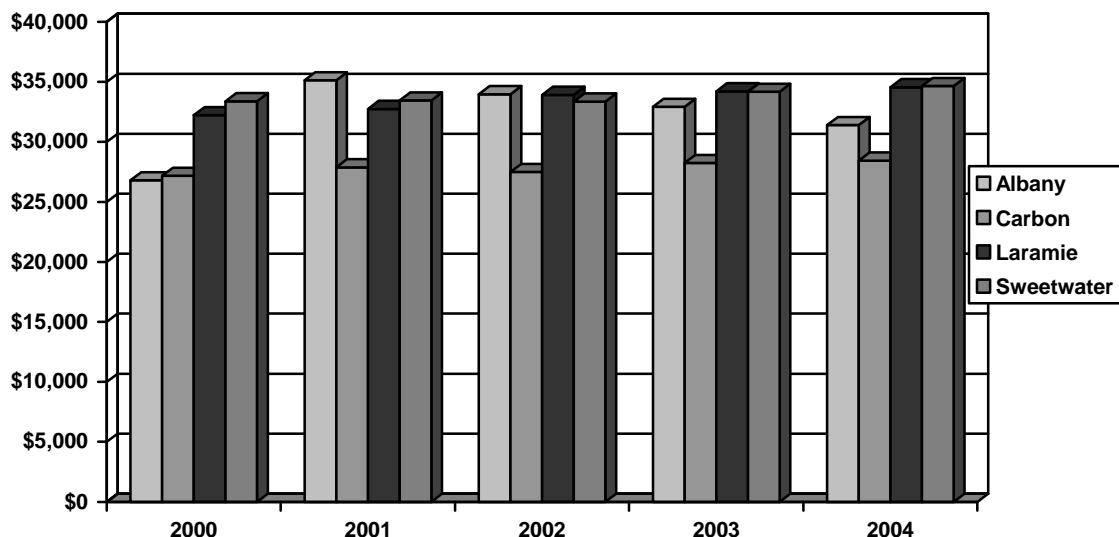
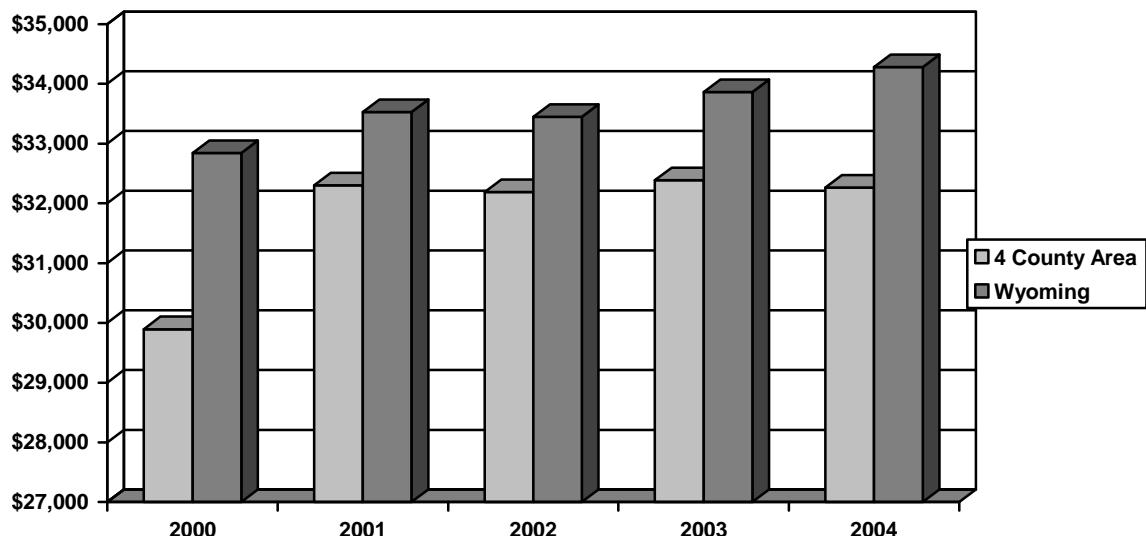


Figure 3-40 Per Capita Personal Income (2004\$)—by County

Source: Regional Economic Information System (REIS) RCN-0652, May 2006 and applying the WY Economic Analysis Division 2nd Qtr. Cost of Living Indices.

Figure 3-41 Per Capita Personal Income (2004\$)—Statewide

Source: Regional Economic Information System (REIS) RCN-0652, May 2006 and applying the WY Economic Analysis Division 2nd Qtr. Cost of Living Indices.

Figure 3-42 HUD Median Family Income (2004\$)—by County

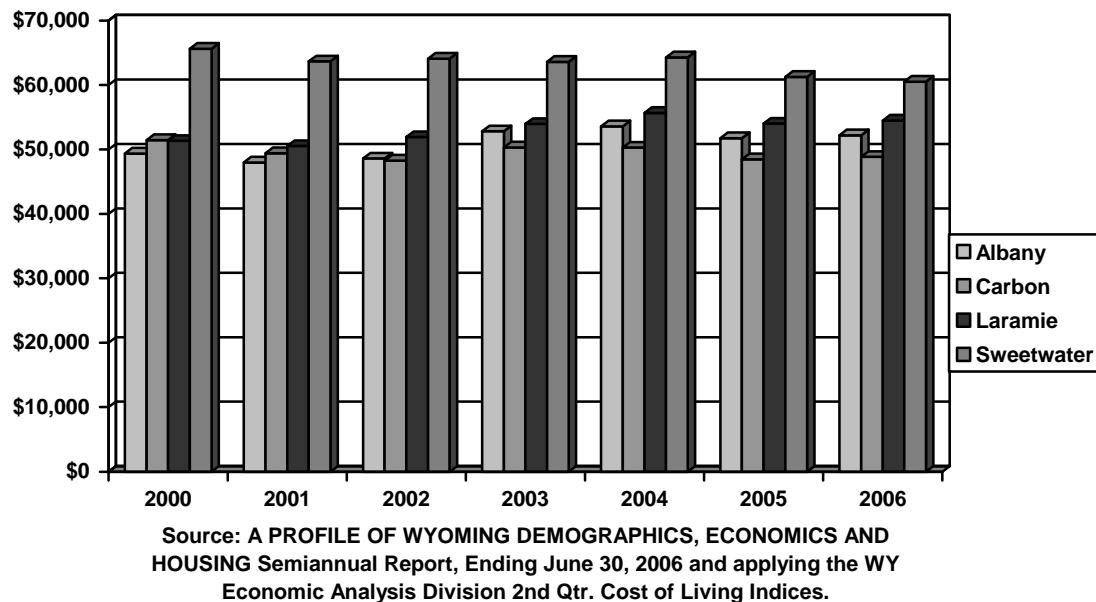


Figure 3-43 HUD Median Family Income (2004\$)—Statewide

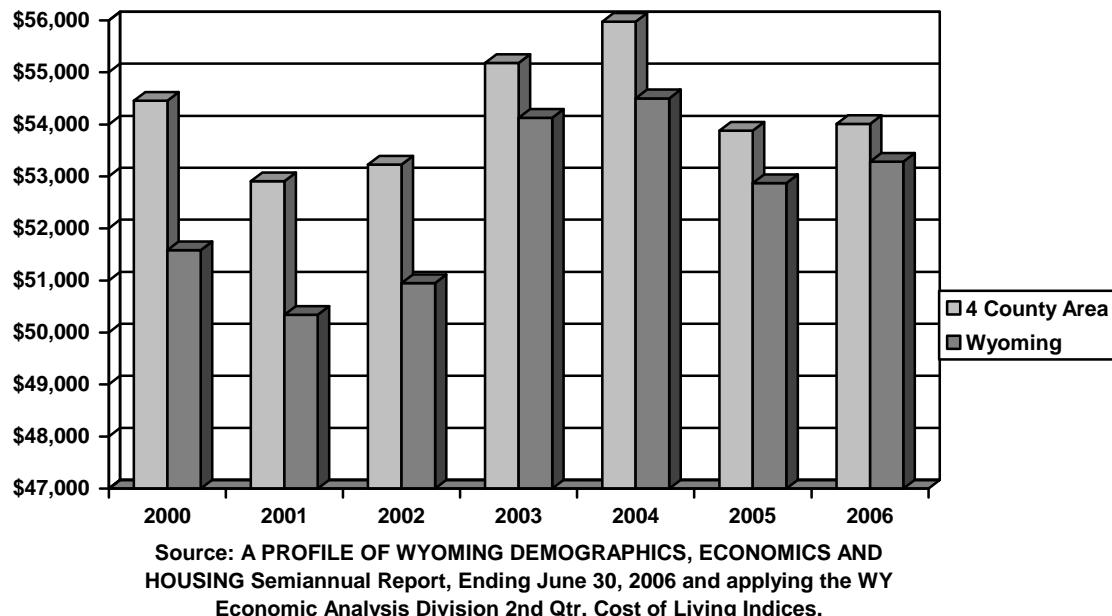


Figure 3-44 Annual Unemployment Rate for Counties in the Socioeconomic Study Area

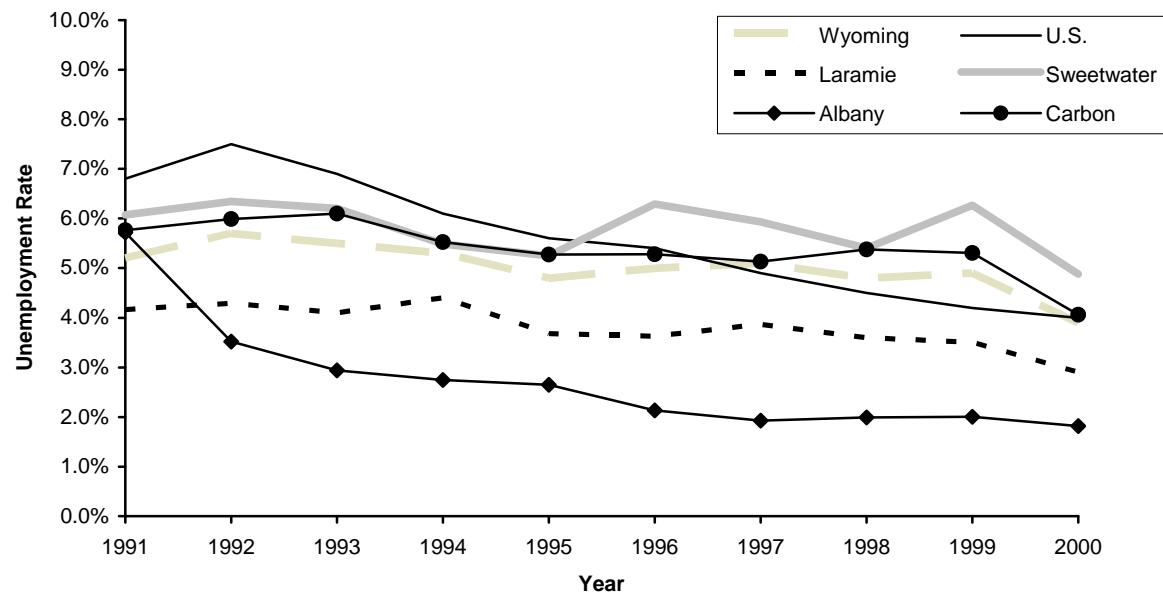


Figure 3-45 Employment Trends by Industry, 1990-2000

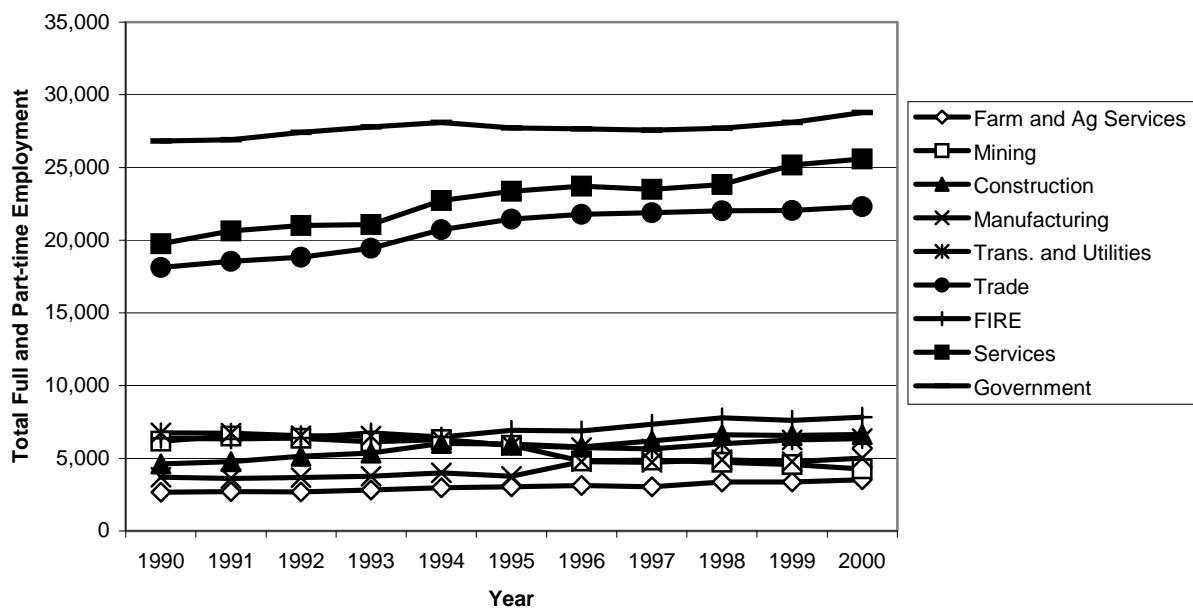


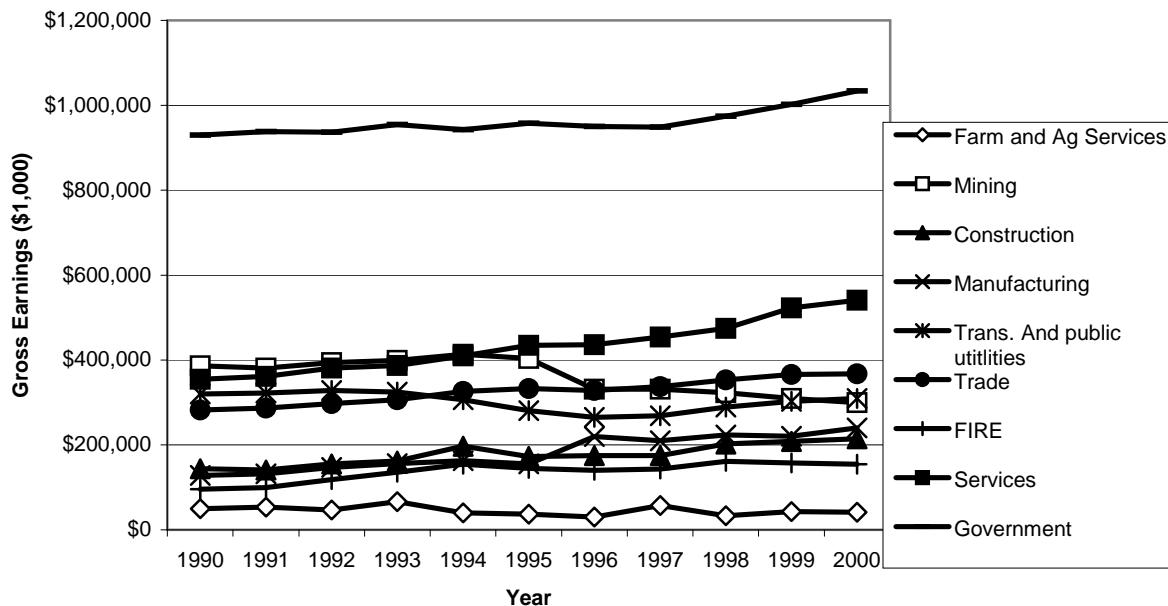
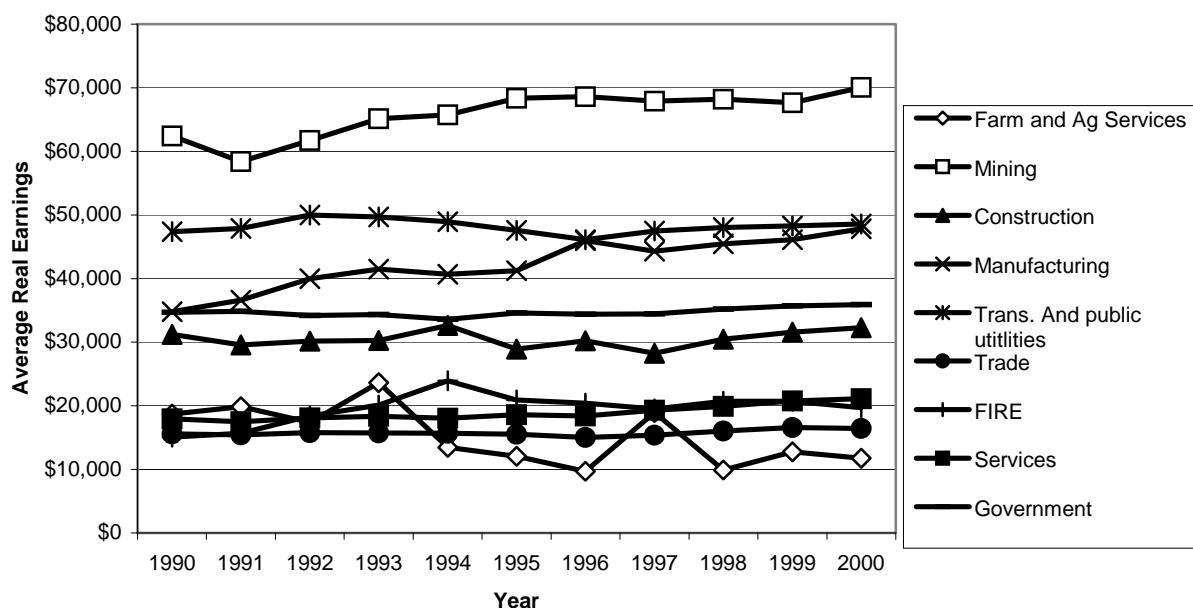
Figure 3-46 Total Earnings Trends by Industry, 1990-2000 (2001\$)**Figure 3-47 Average Real Earnings by Industry, 1990-2000 (2001\$)**

Figure 3-48 Percentage of Locally Assessed Property by Category, 2000

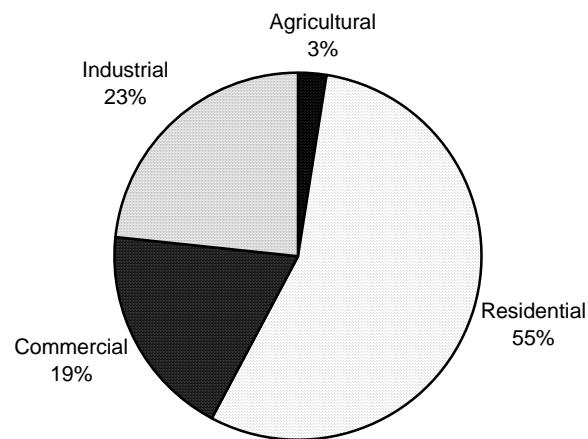


Figure 3-49 Percentage of State Assessed Property by Category Values for Counties in the RMPPA, 2000

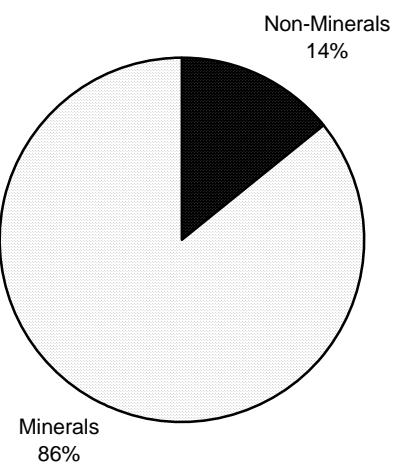


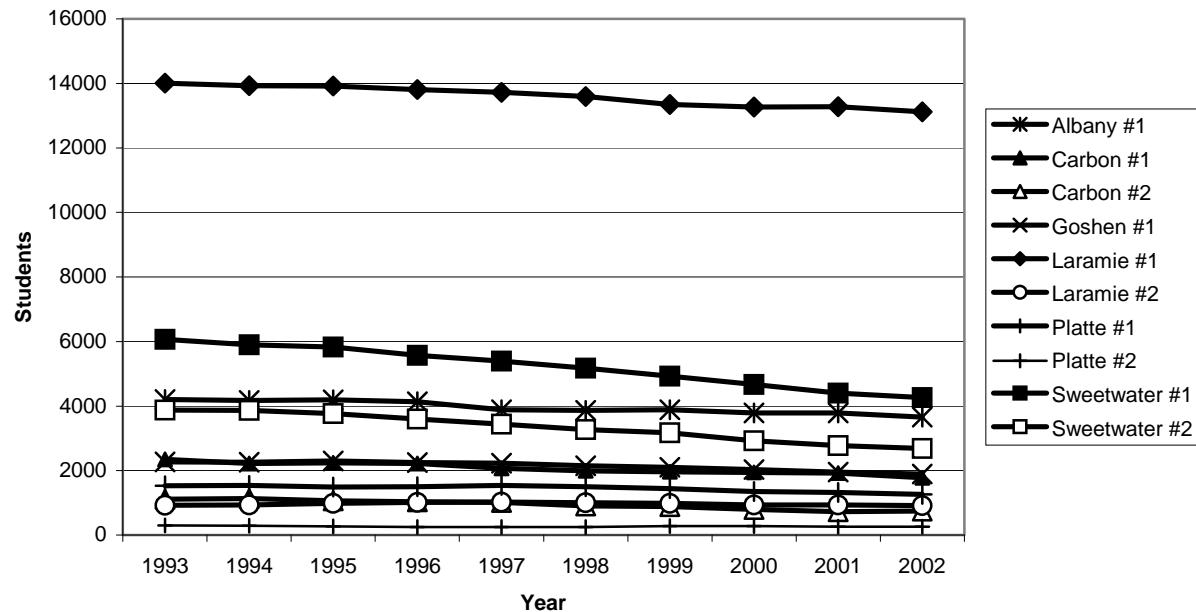
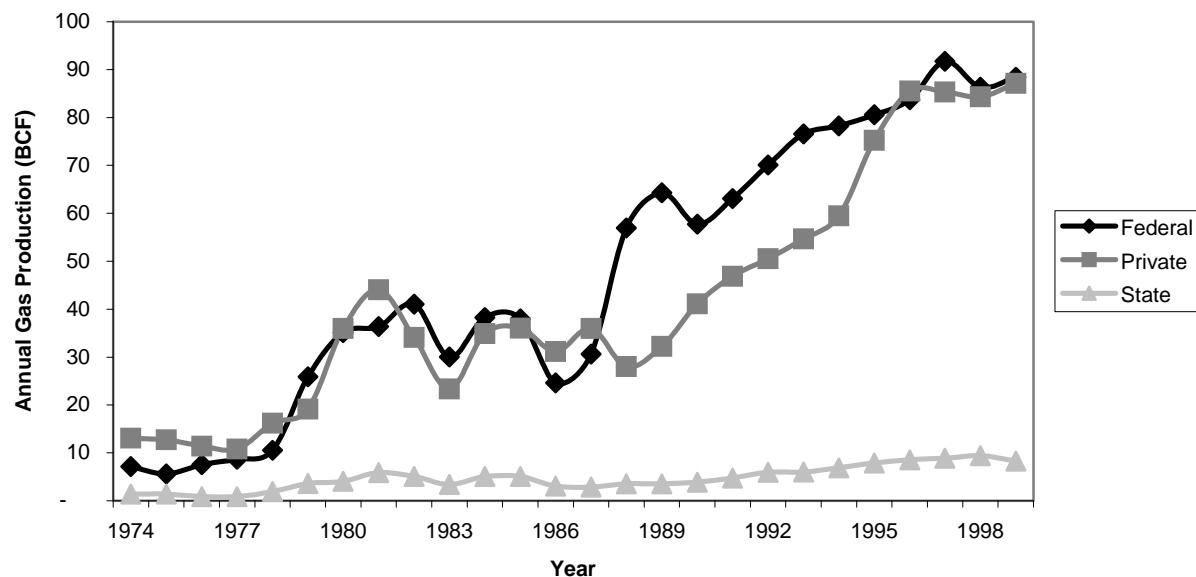
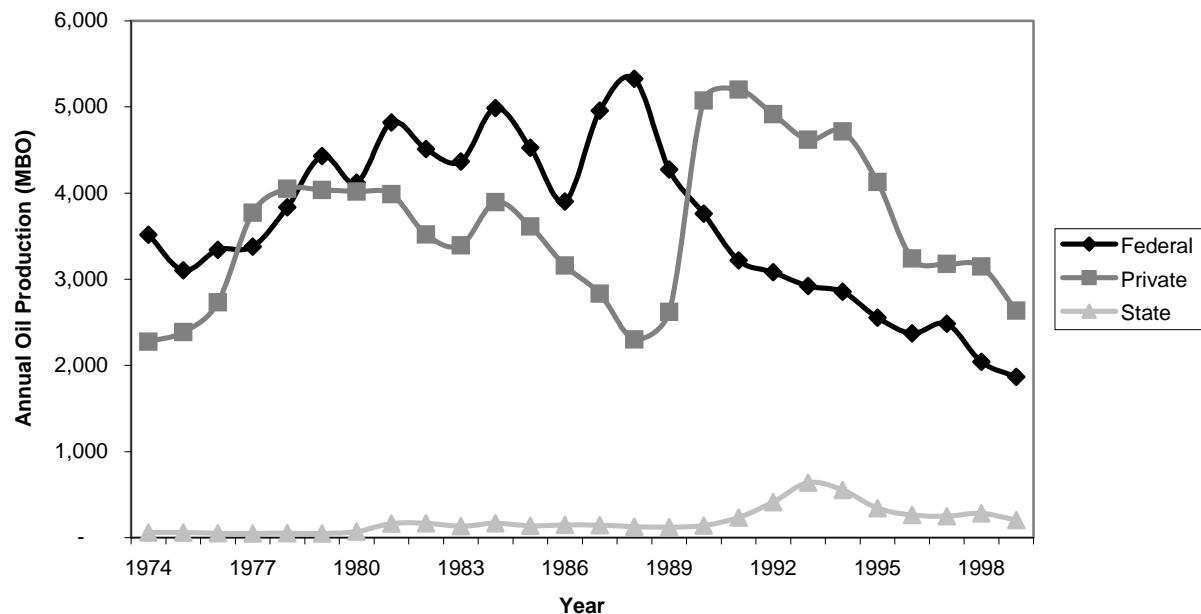
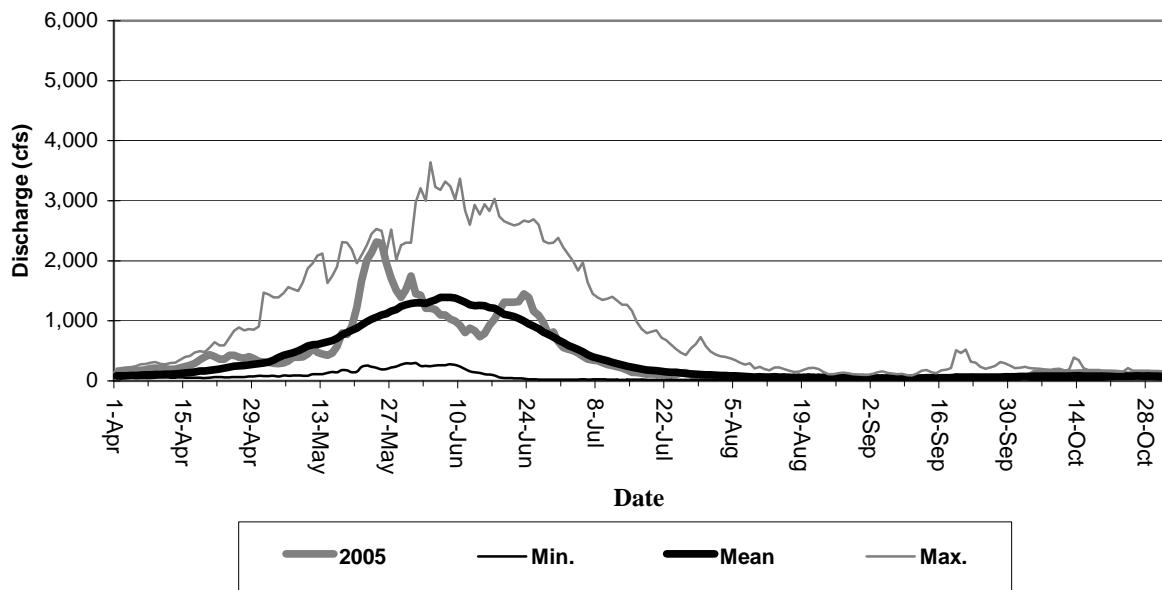
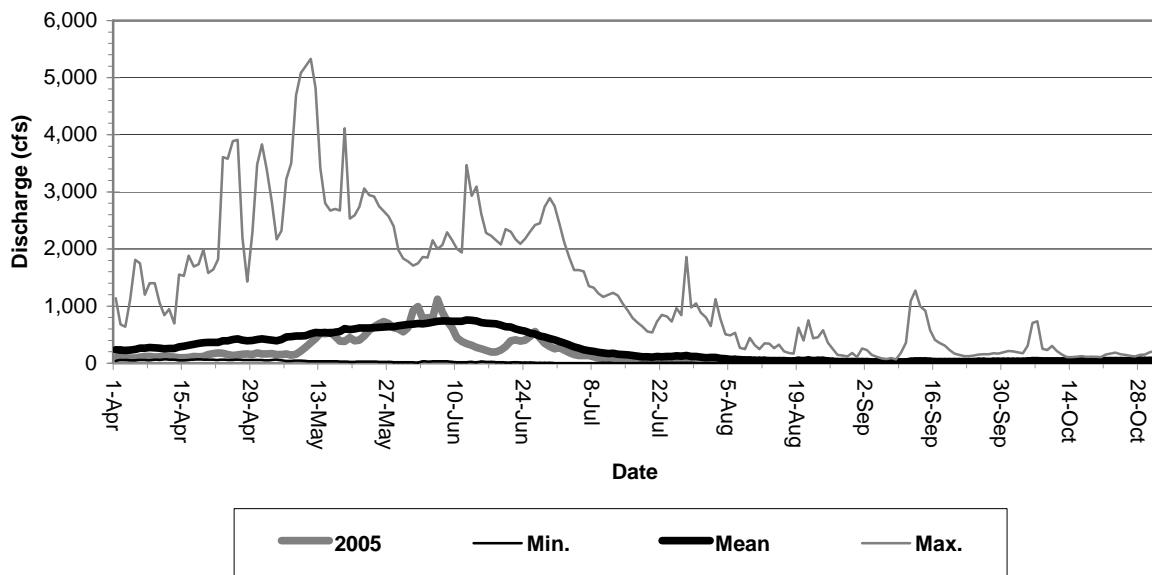
Figure 3-50 Annual PILT Payments, 1991-2000**Figure 3-51 Historic Gas Production in the RMPPA Socioeconomic Study Area**

Figure 3-52 Historic Oil Gas Production in the RMPPA

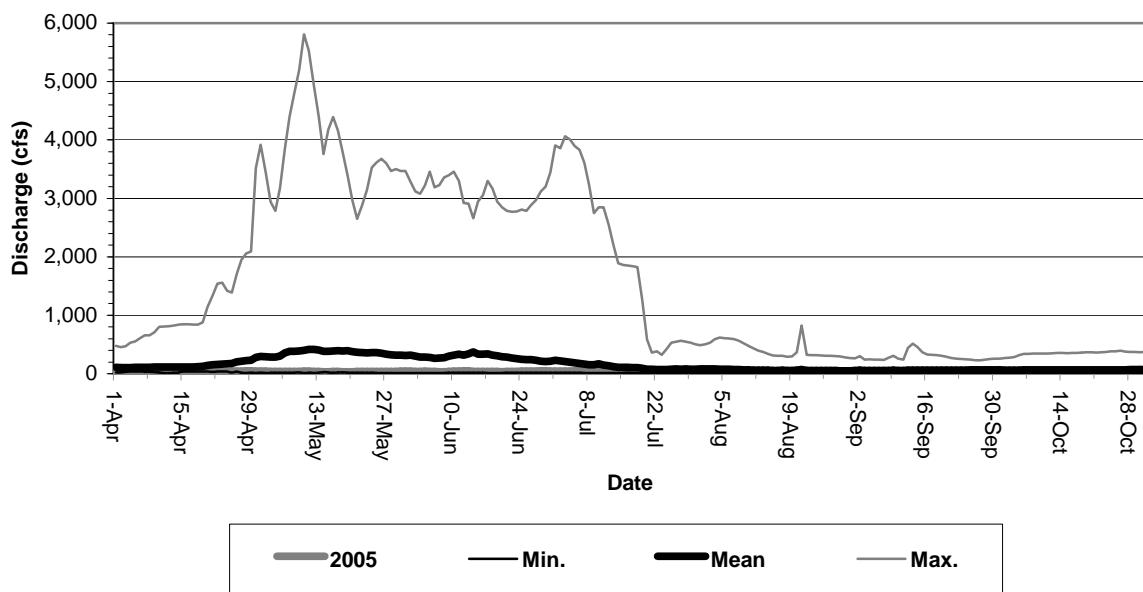
**Figure 3-53 Streamflow 2005 (April - Oct.) and Statistics (1940 - 2006),
Encampment River at Mouth, Near Encampment, Wy.
(USGS Site Number 06625000)**



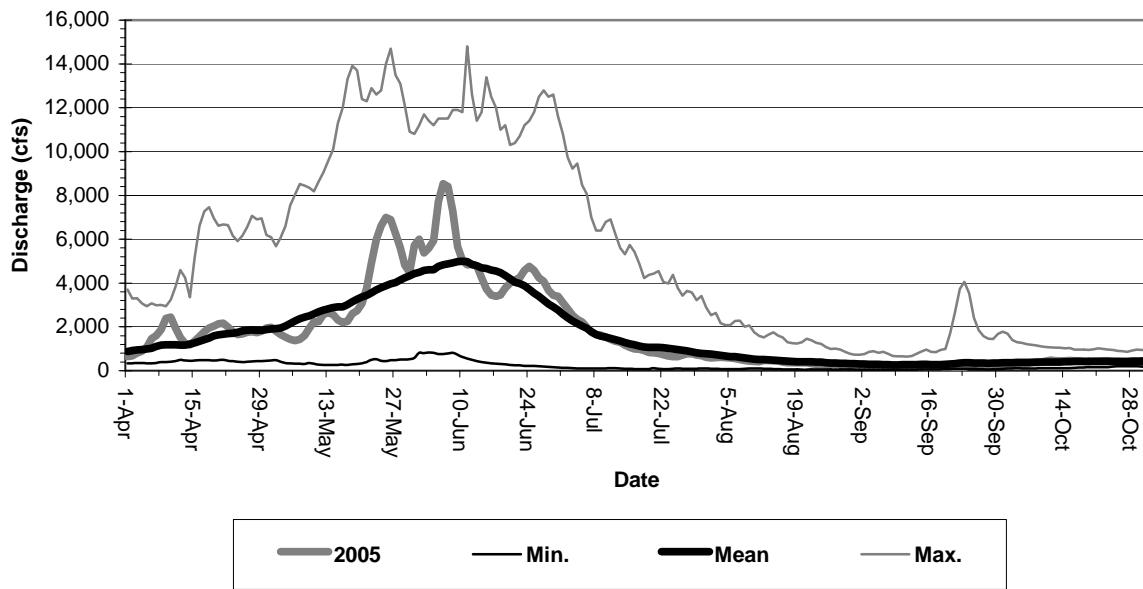
**Figure 3-54 Streamflow 2005 (April - Oct.) and Statistics (1939 - 2006),
Medicine Bow River, Above Seminoe Reservoir Near Hanna, Wy.
(USGS Site Number 06635000)**



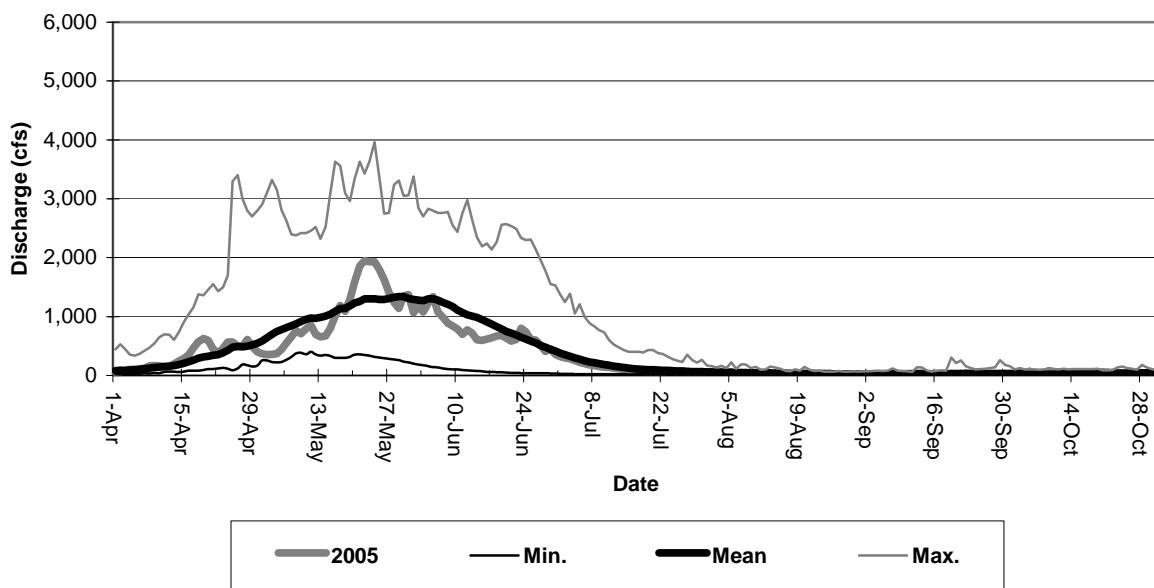
**Figure 3-55 Streamflow 2005 (April - Oct.) and Statistics (1915 - 2002),
Laramie River Near Fort Laramie, Wy.
(USGS Gage #06670500)**



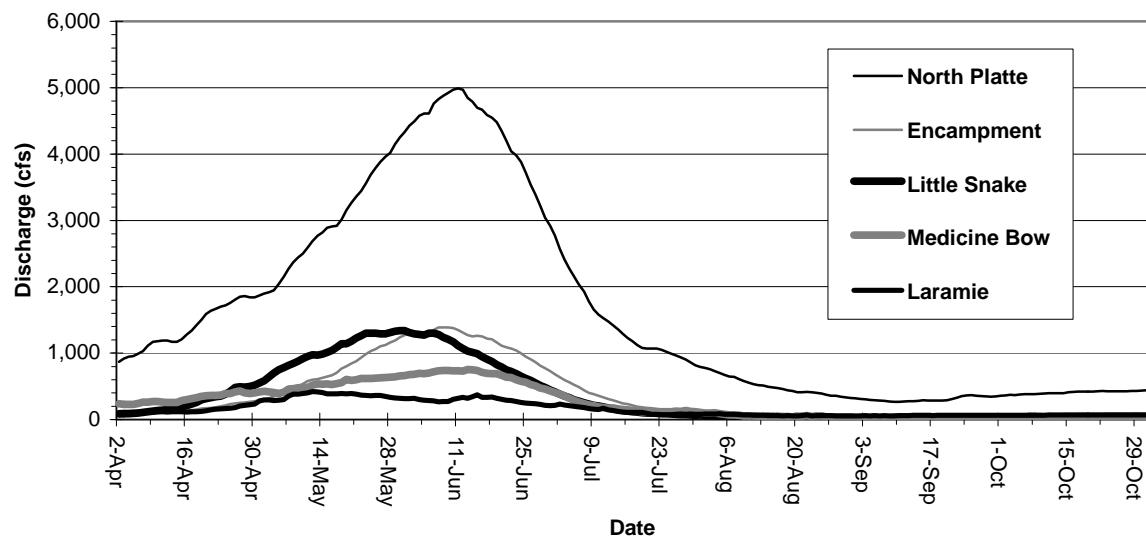
**Figure 3-56 Streamflow 2005 (April - Oct.) and Statistics (1939 - 2006),
North Platte River, Above Seminoe Reservoir Near Sinclair, Wy.
(USGS Site Number 06630000)**



**Figure 3-57 Streamflow 2005 (April - Oct.) and Statistics (1943 - 2006),
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(USGS Site Number 09253000)**



**Figure 3-58 Mean Streamflow (April - Oct.) for USGS Site Numbers
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06630000 (North Platte), and 09253000 (Little Snake).**



CHAPTER 4 FIGURES

Figure 4-1 Potential Number of BLM Wells – Alternative 1

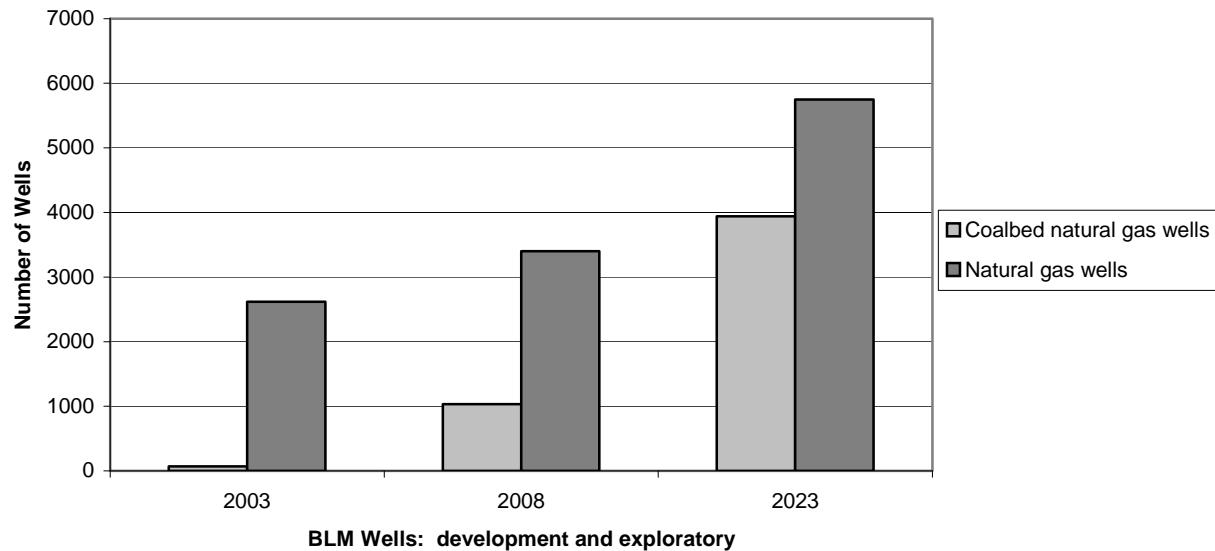


Figure 4-2 Potential Number of BLM Wells – Alternative 2

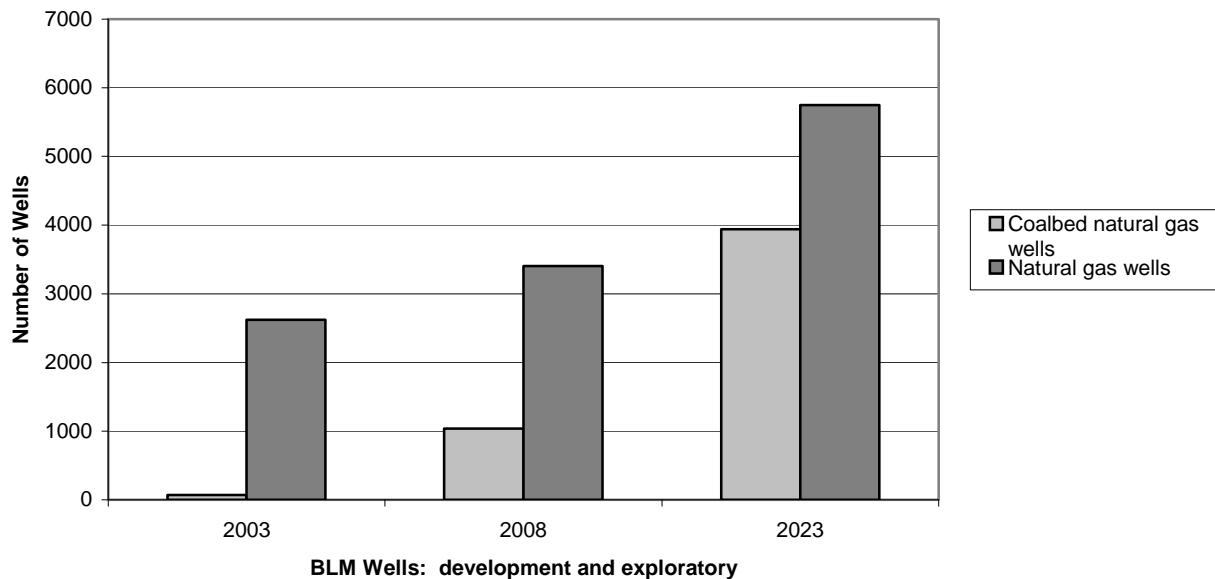


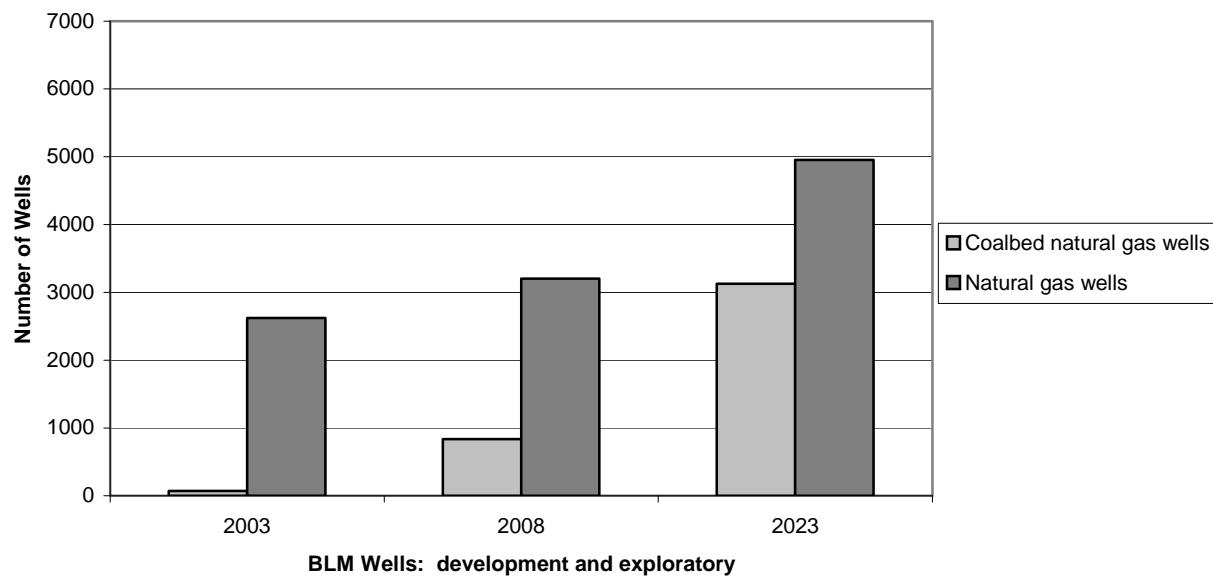
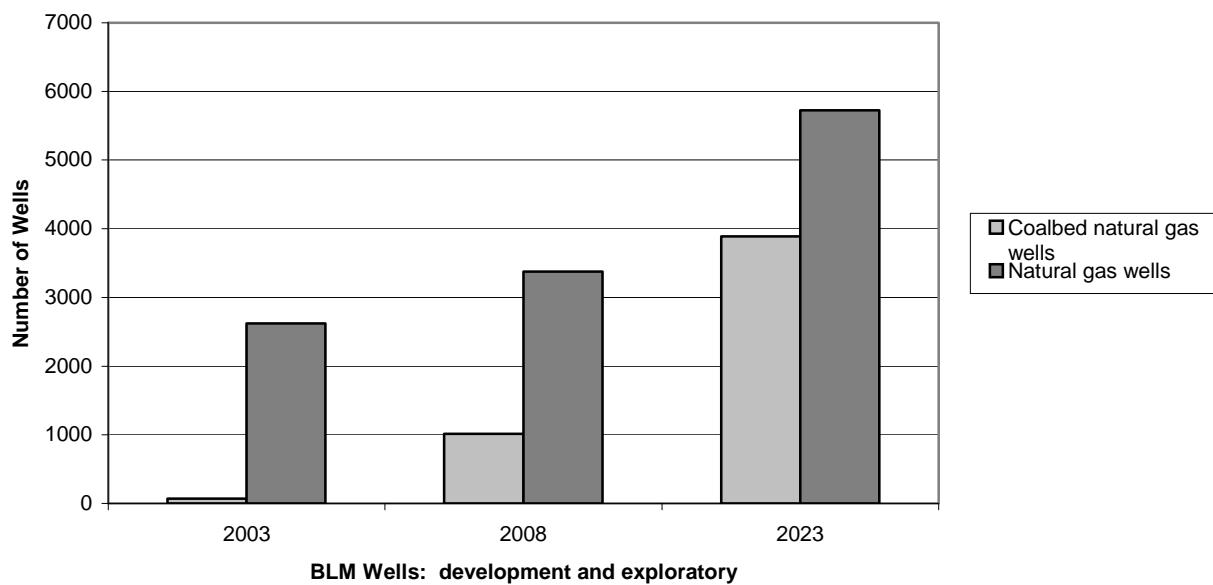
Figure 4-3 Potential Number of BLM Wells – Alternative 3**Figure 4-4 Potential Number of BLM Wells – Alternative 4**

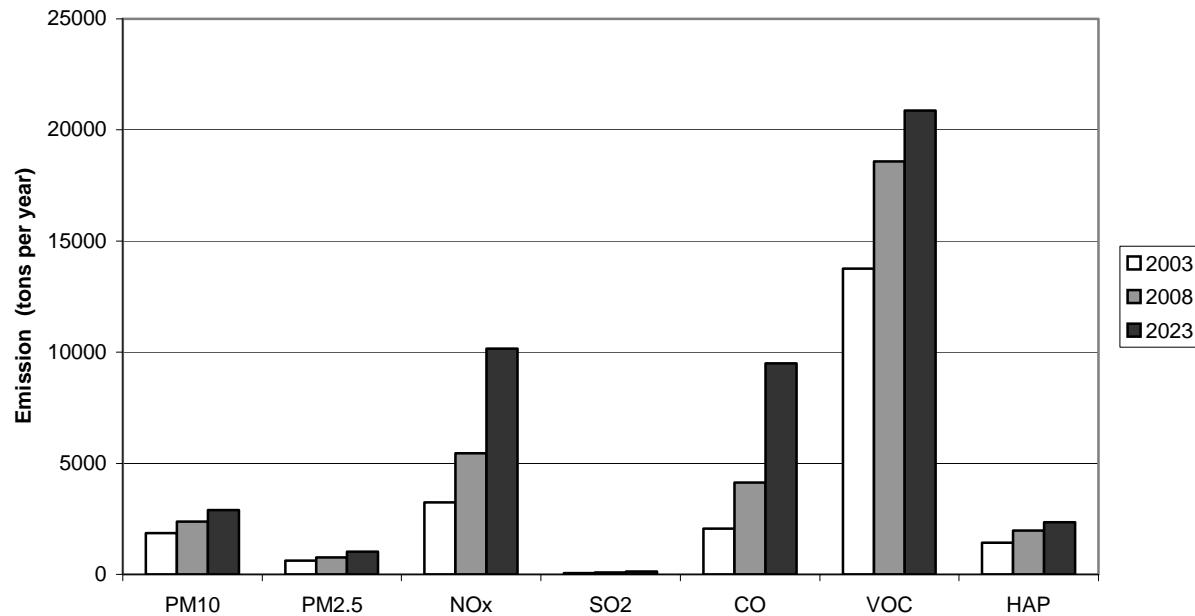
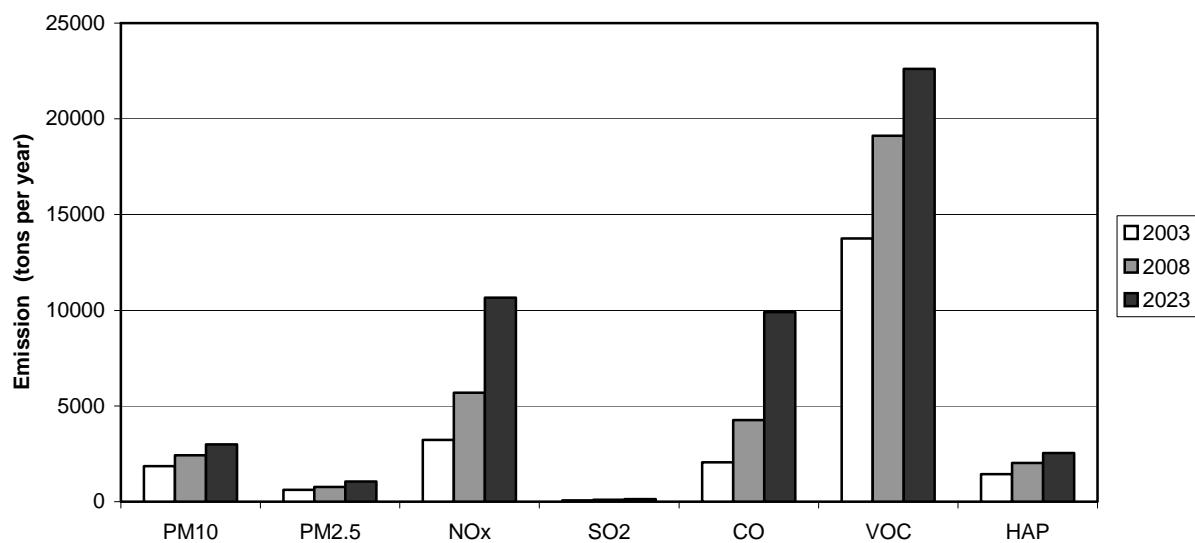
Figure 4-5 Potential Emissions from BLM Sources – Alternative 1**Figure 4-6 Potential Emissions from BLM Sources – Alternative 2**

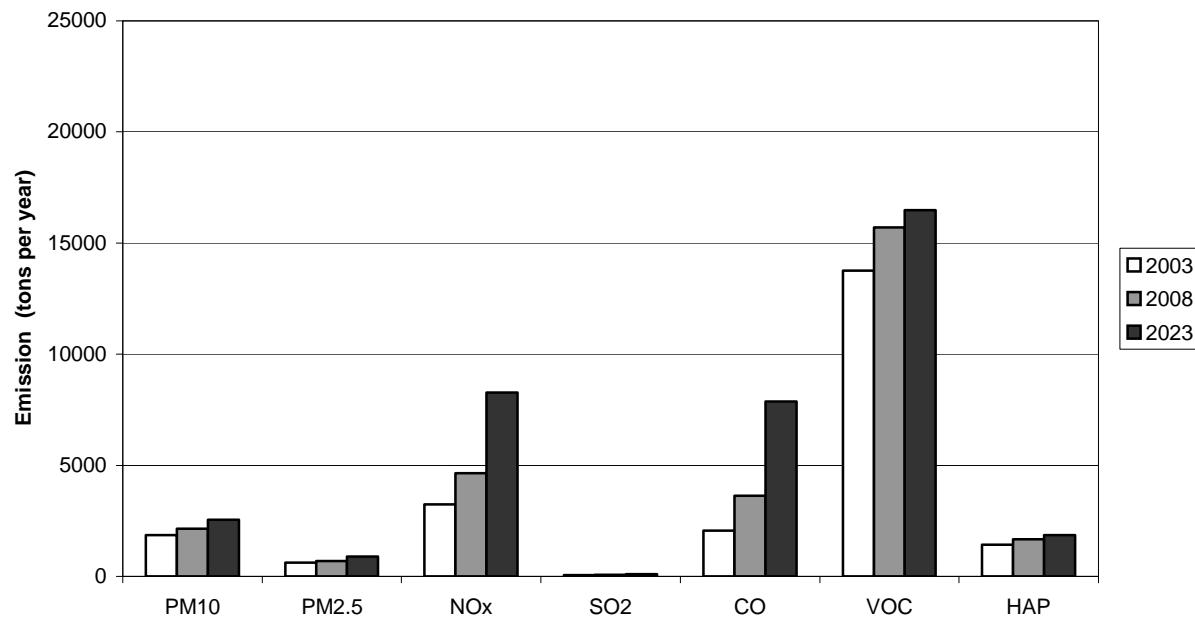
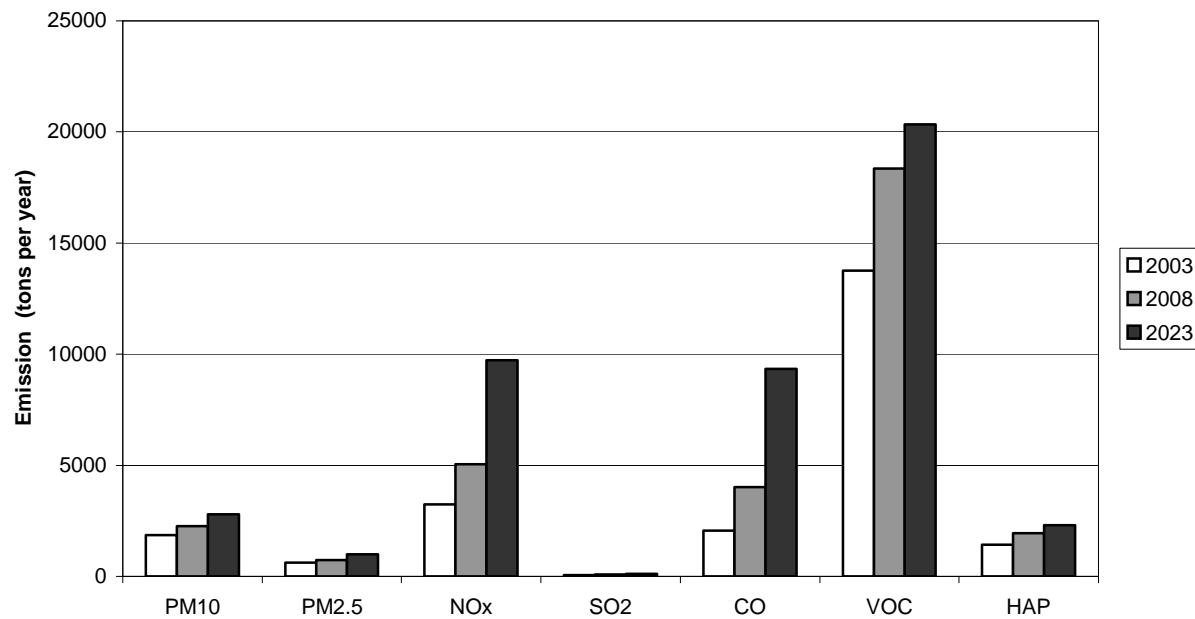
Figure 4-7 Potential Emissions from BLM Sources – Alternative 3**Figure 4-8 Potential Emissions from BLM Sources – Alternative 4**

Figure 4-9 Potential Emissions from BLM Coalbed Natural Gas – Alternative 1

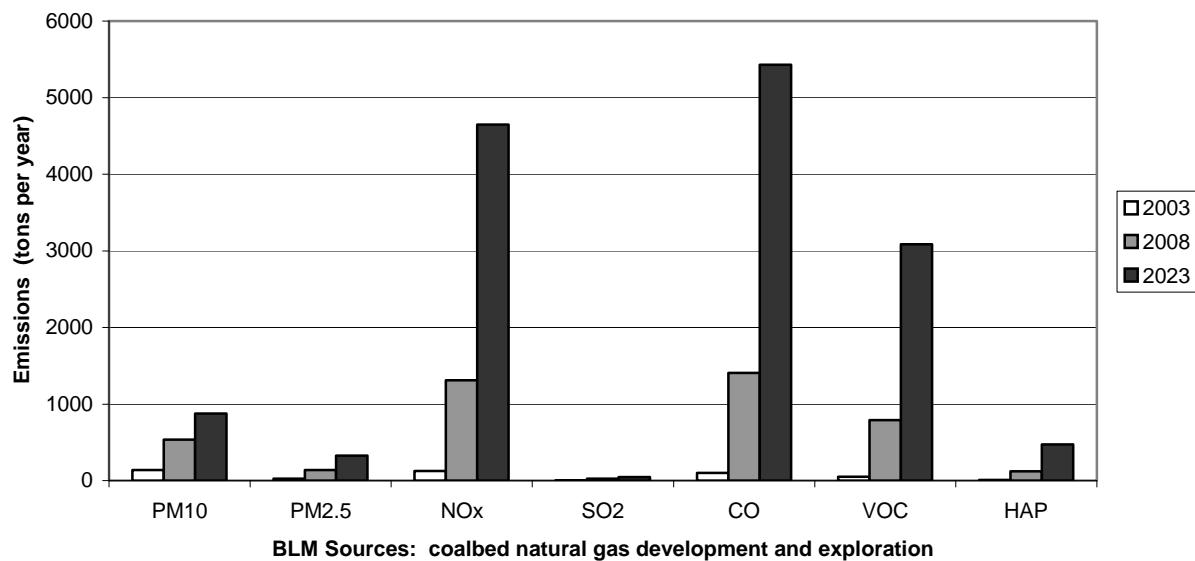


Figure 4-10 Potential Emissions from BLM Coalbed Natural Gas – Alternative 2

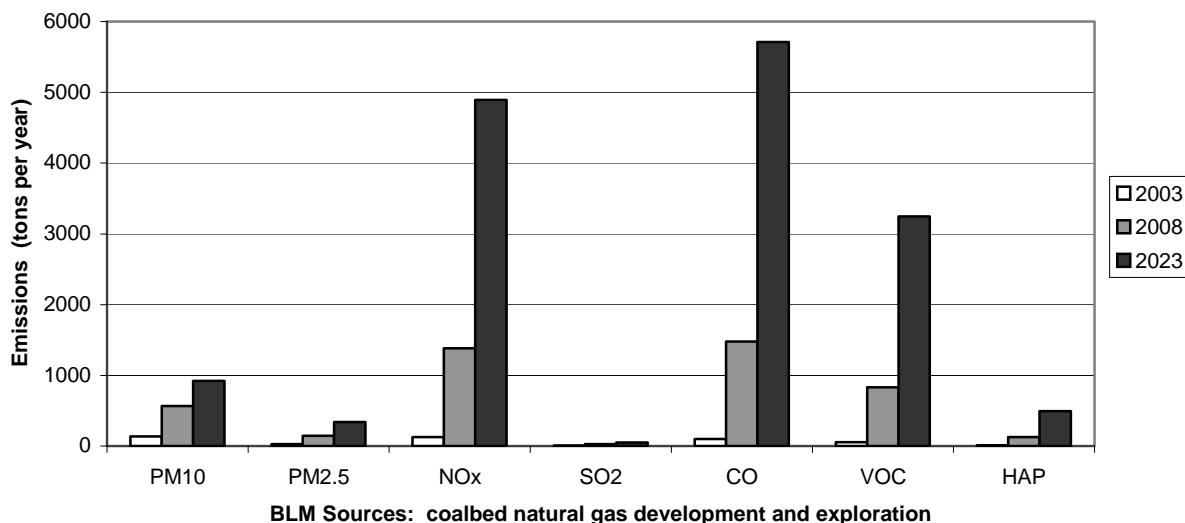


Figure 4-11 Potential Emissions from BLM Coalbed Natural Gas – Alternative 3

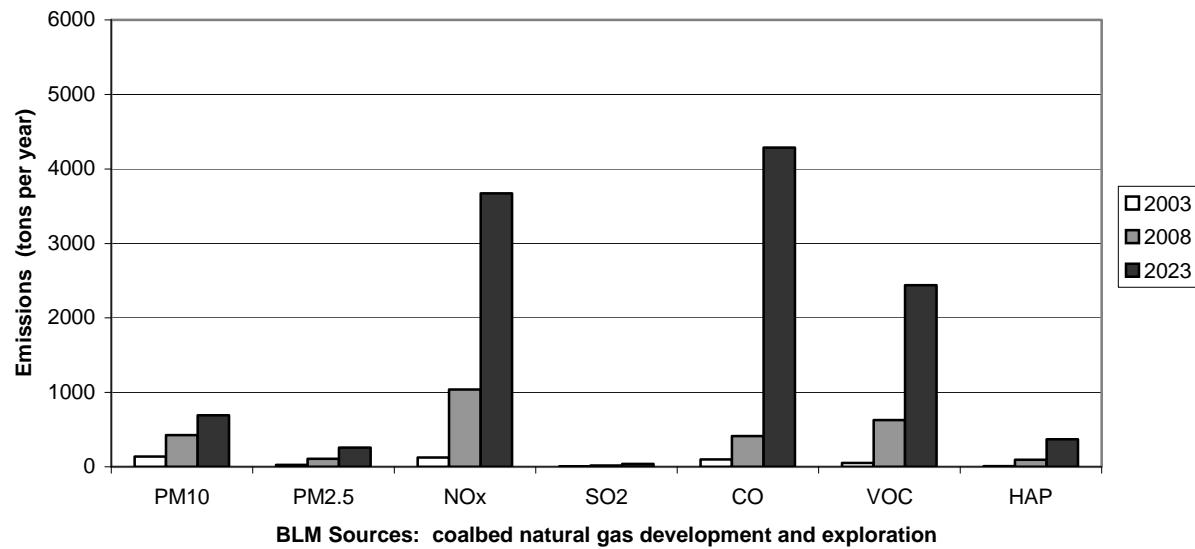


Figure 4-12 Potential Emissions from BLM Coalbed Natural Gas – Alternative 4

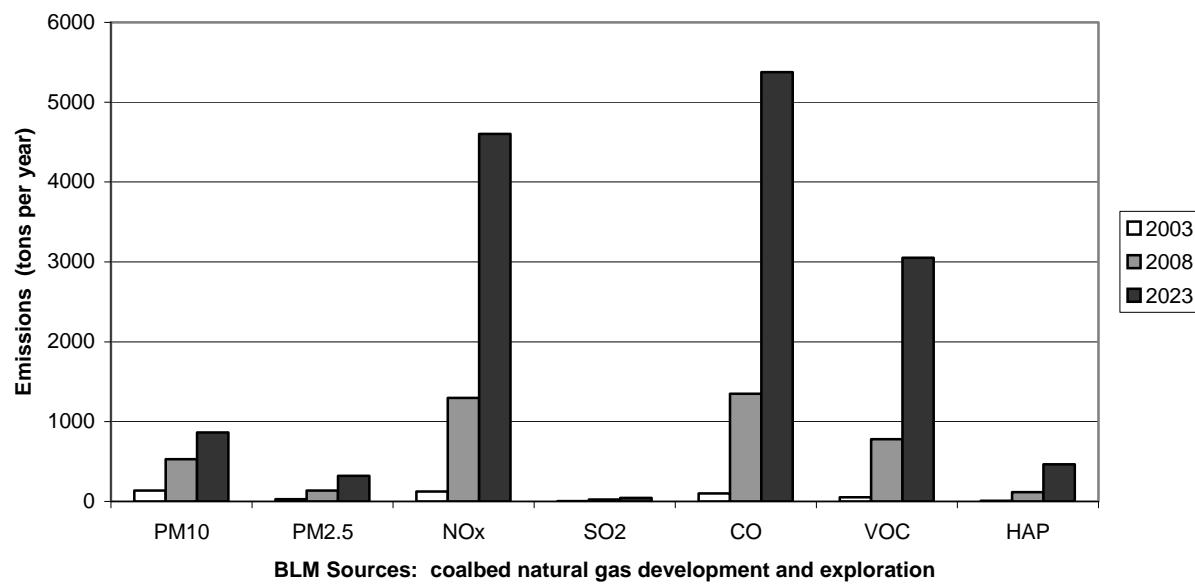


Figure 4-13 Potential Emissions from BLM Conventional Oil and Gas – Alternative 1

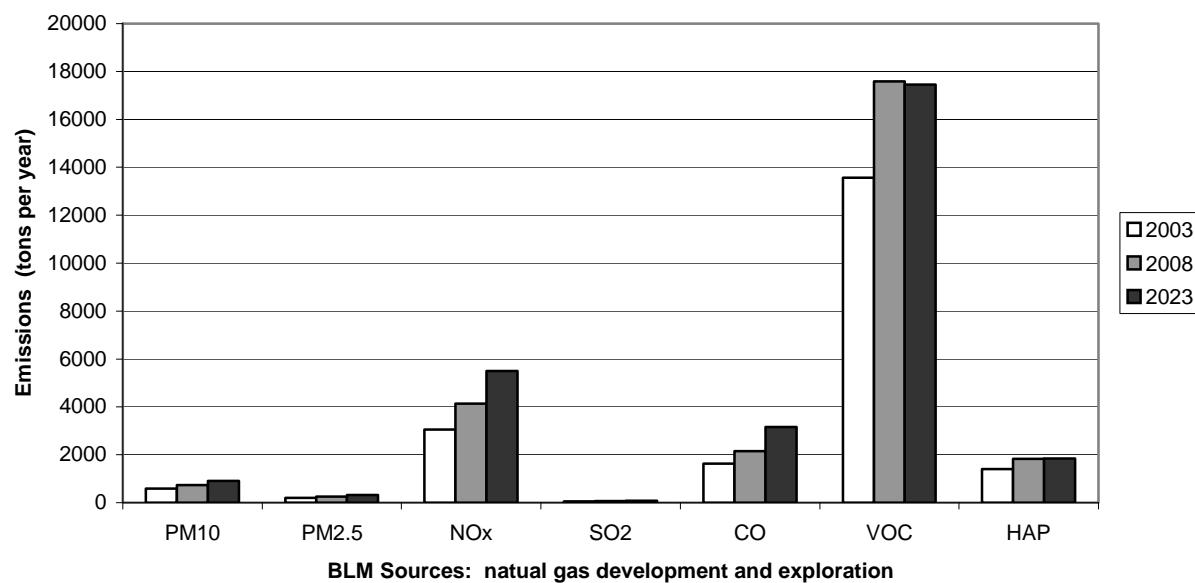


Figure 4-14 Potential Emissions from BLM Conventional Oil and Gas – Alternative 2

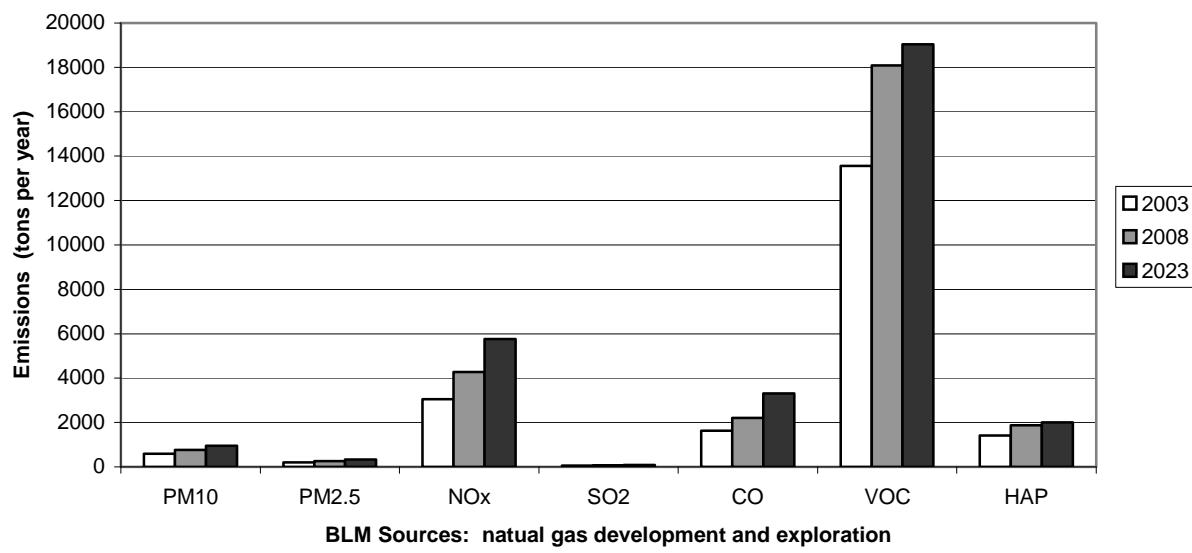


Figure 4-15 Potential Emissions from BLM Conventional Oil and Gas – Alternative 3

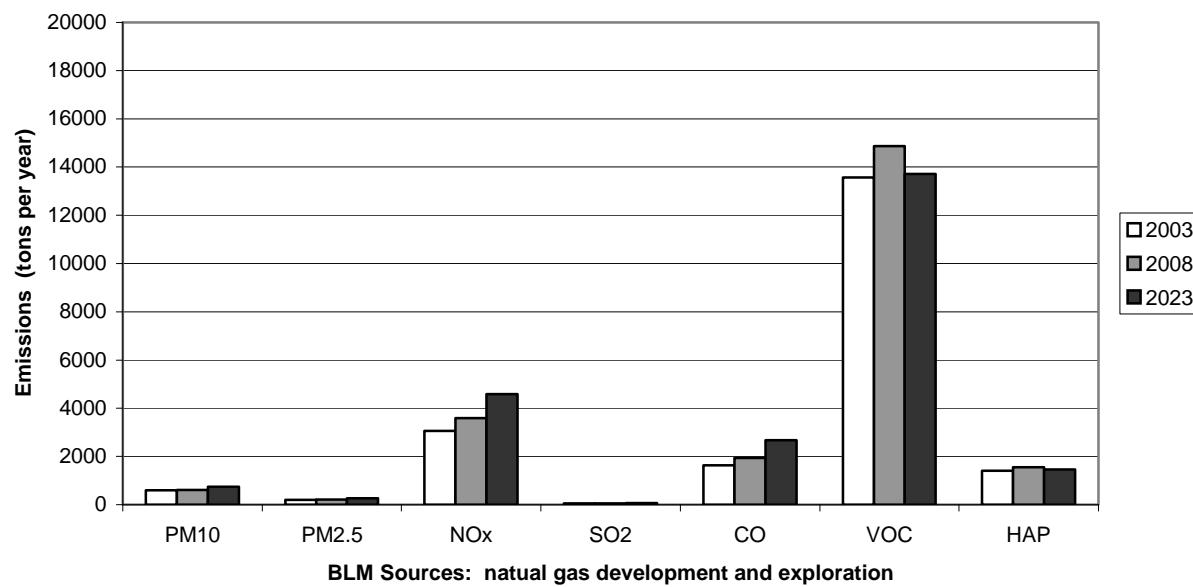


Figure 4-16 Potential Emissions from BLM Conventional Oil and Gas – Alternative 4

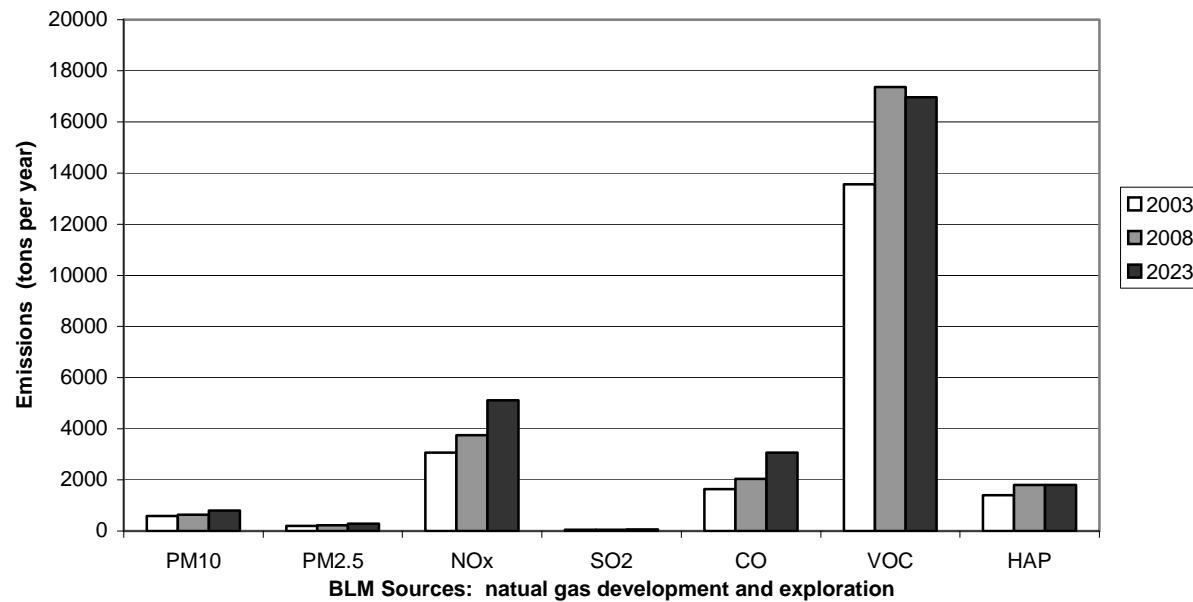


Figure 4-17 Potential Emissions from BLM Non-Oil and Gas Activities – Alternative 1

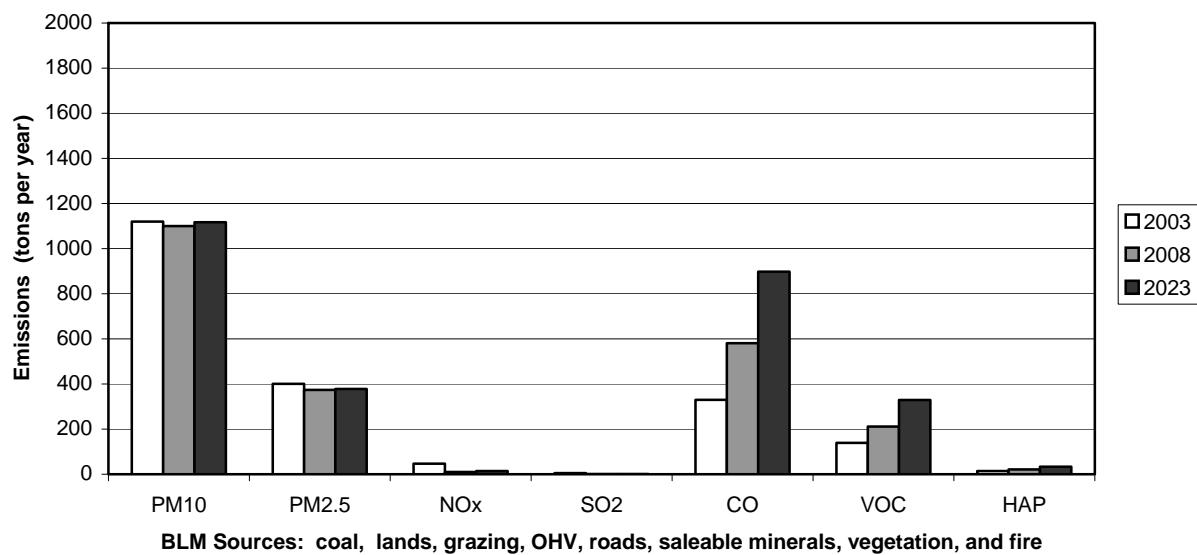


Figure 4-18 Potential Emissions from BLM Non-Oil and Gas Activities – Alternative 2

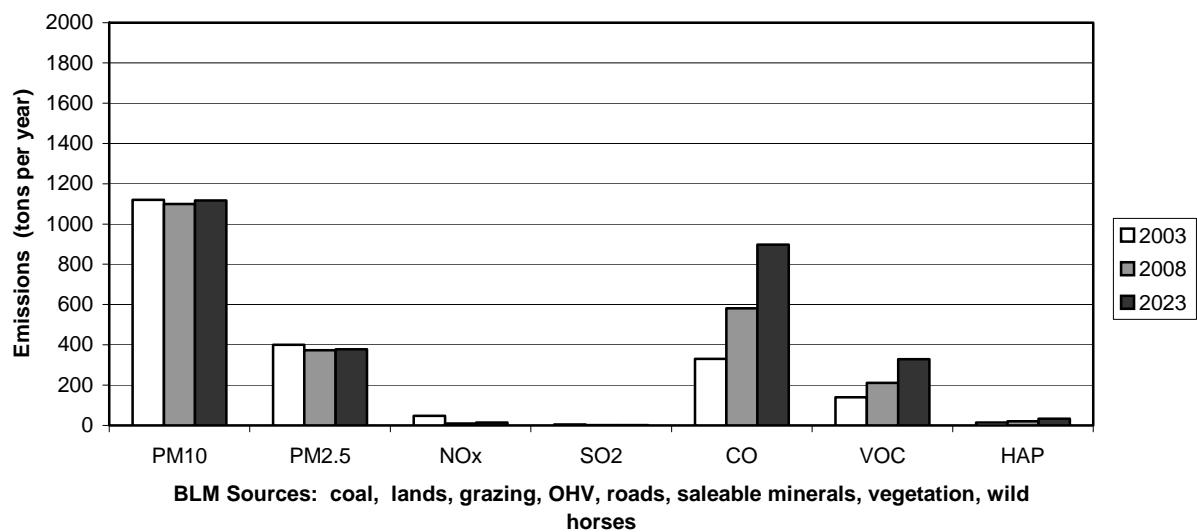


Figure 4-19 Potential Emissions from BLM Non-Oil and Gas Activities – Alternative 3

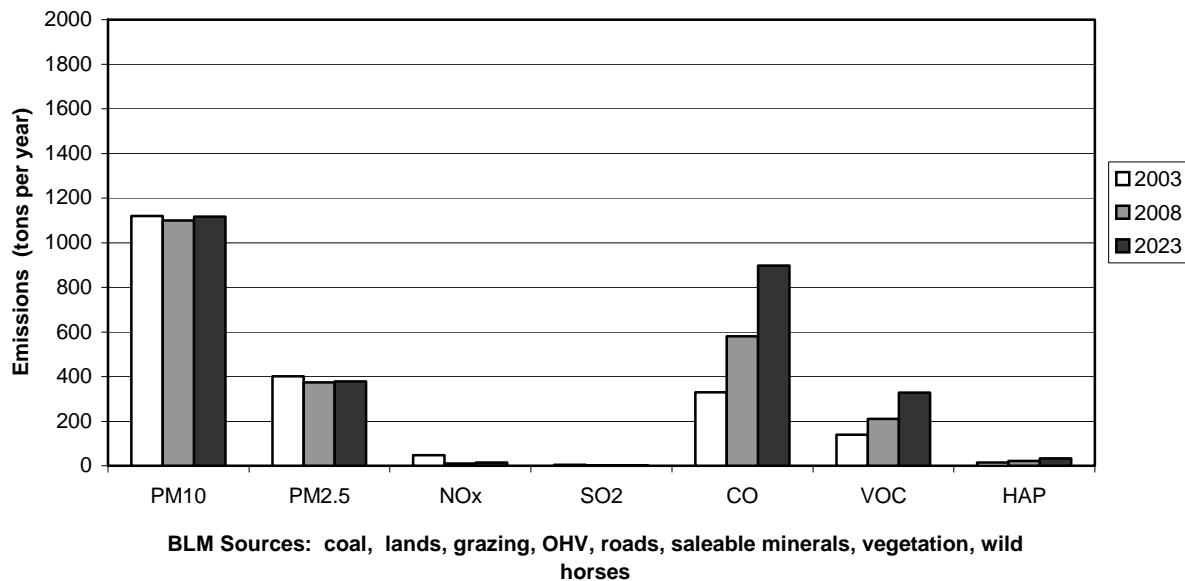


Figure 4-20 Potential Emissions from BLM Non-Oil and Gas Activities – Alternative 4

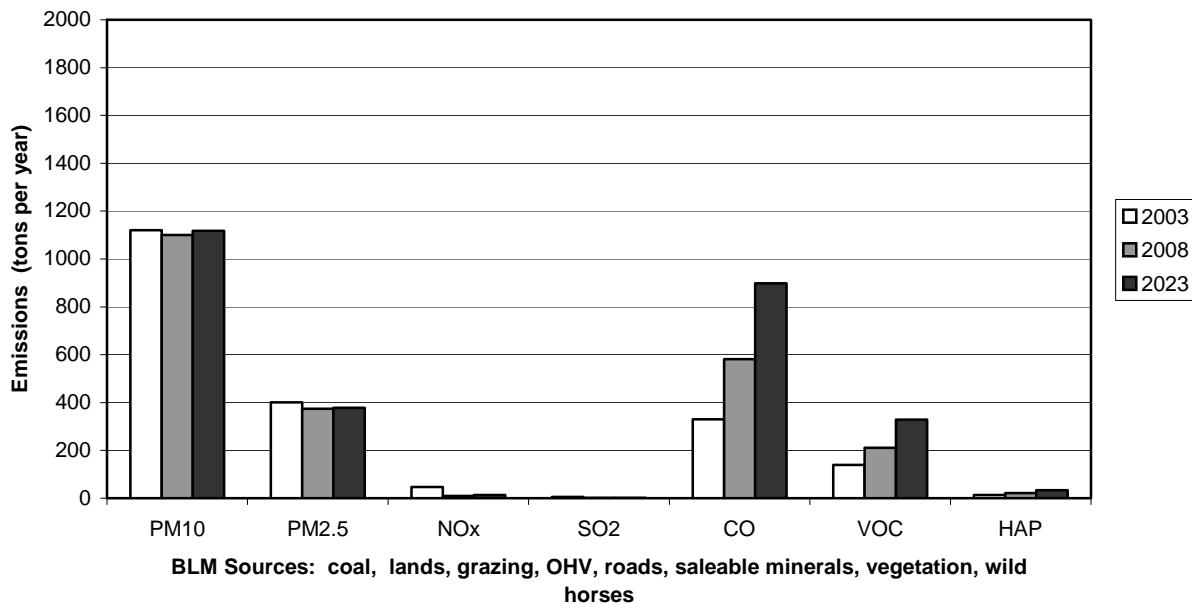


Figure 4-21 Increase in Annual Air Emissions from Current Conditions – Alternative 1

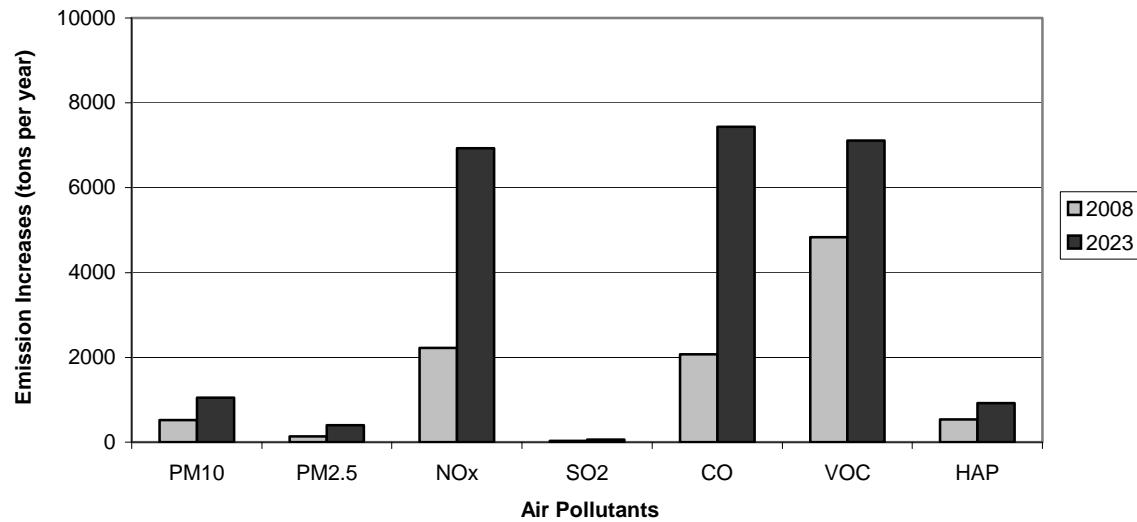


Figure 4-22 Increase in Annual Air Emissions from Current Conditions – Alternative 2

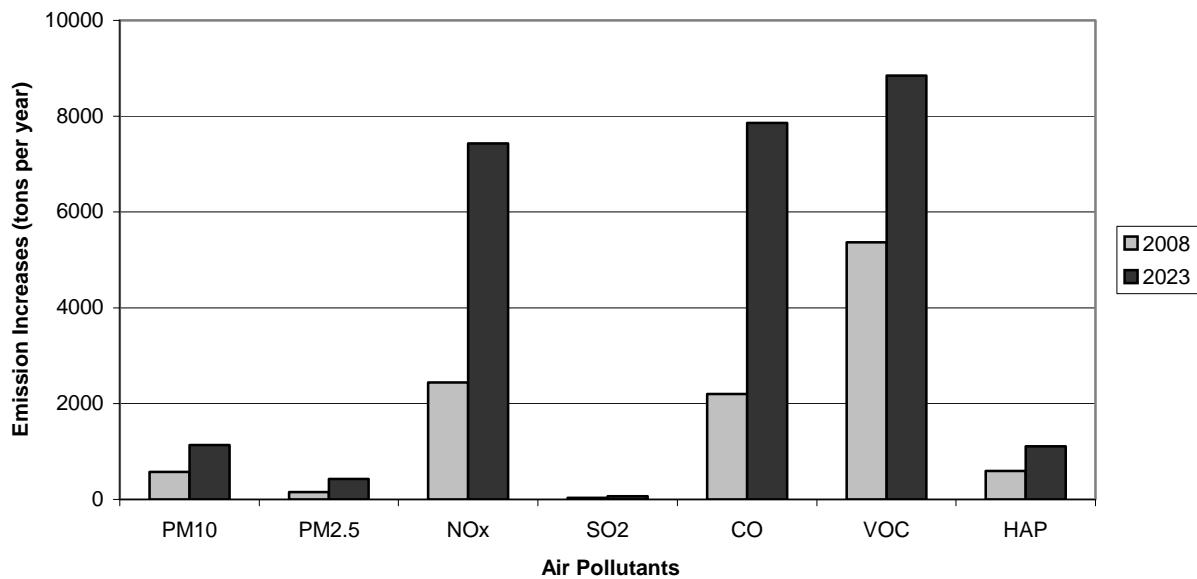


Figure 4-23 Increase in Annual Air Emissions from Current Conditions – Alternative 3

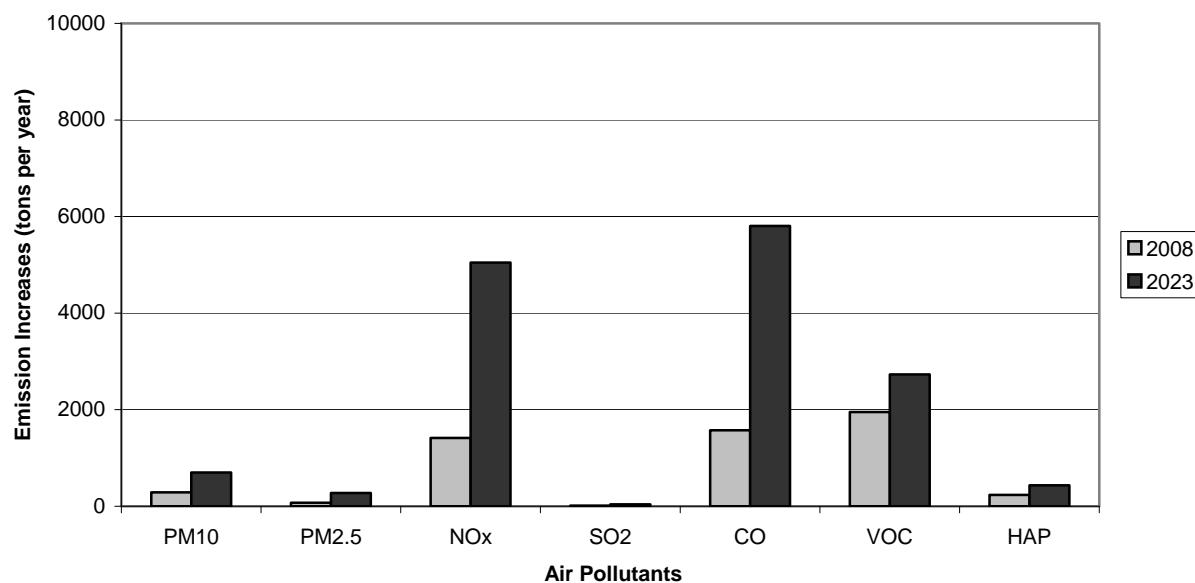


Figure 4-24 Increase in Annual Air Emissions from Current Conditions – Alternative 4

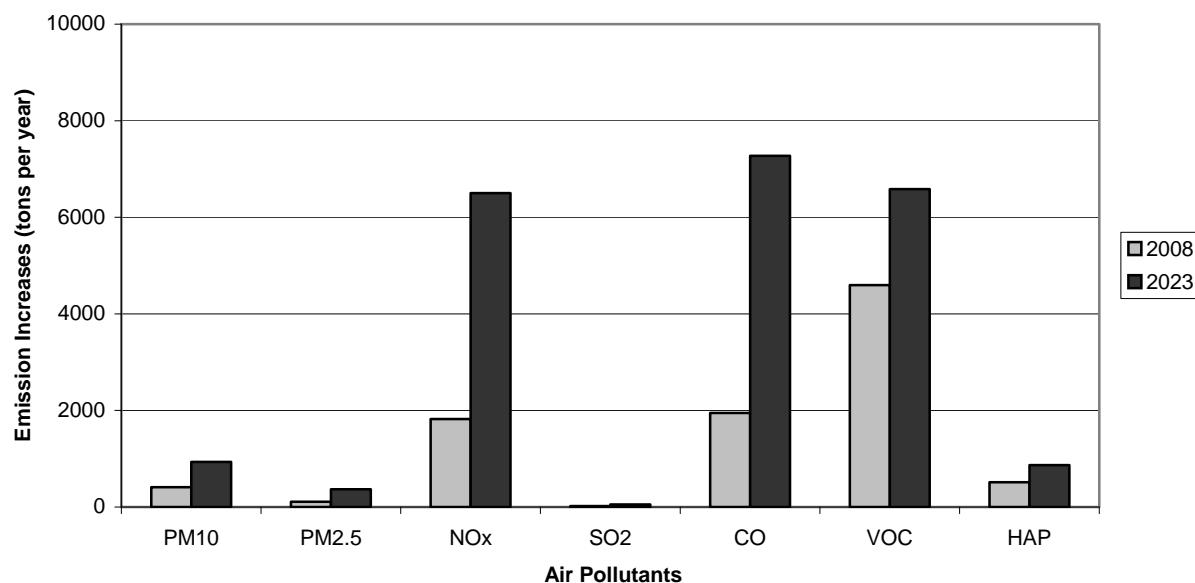


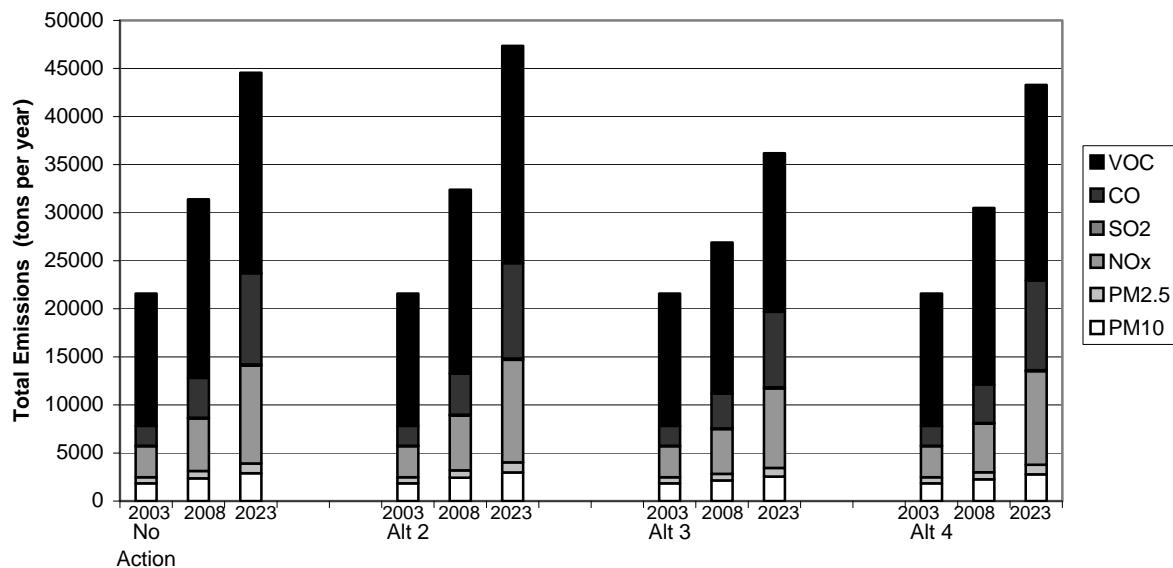
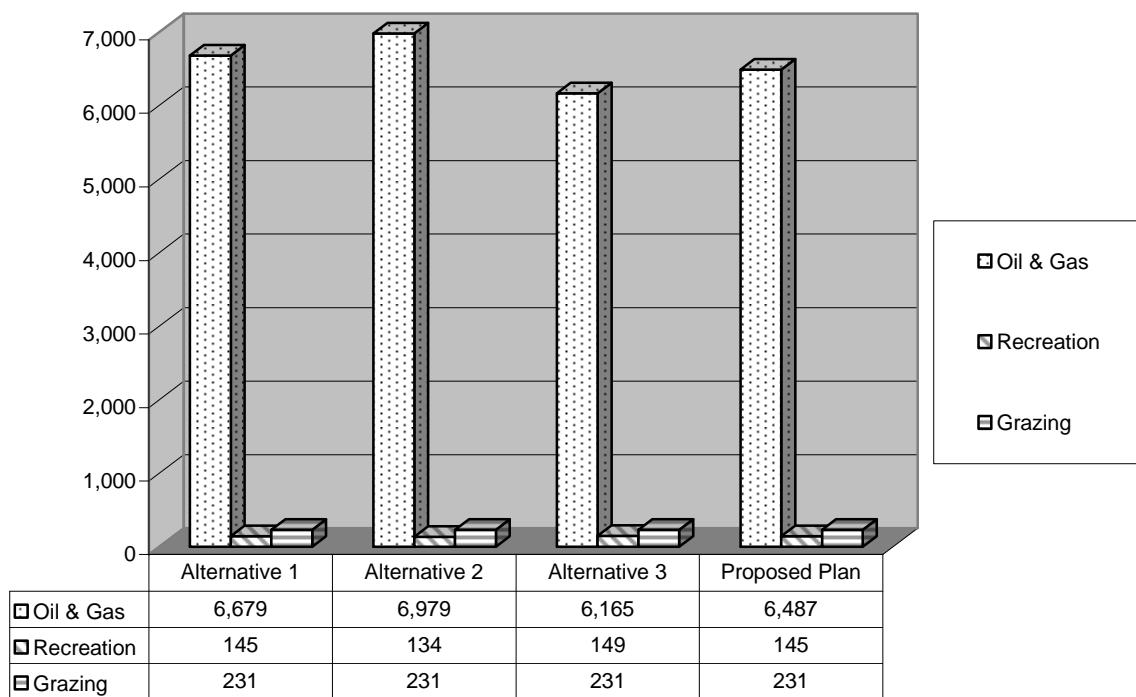
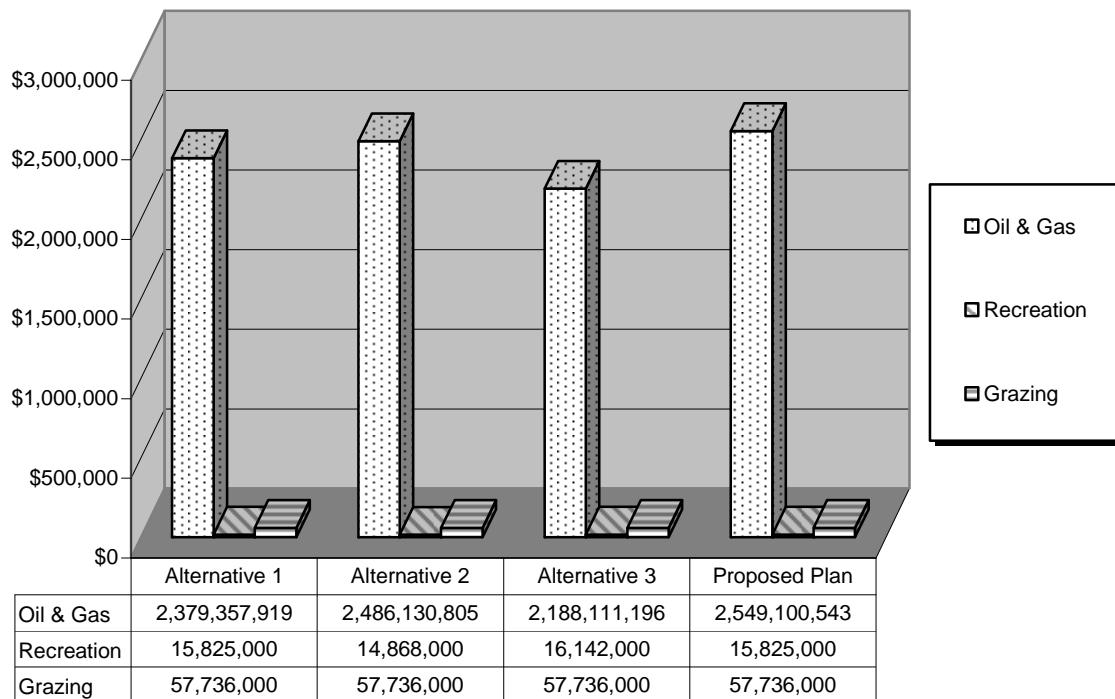
Figure 4-25 Summary of Total Emissions**Figure 4-26 Average Annual Employment by Alternative**

Figure 4-27 Total Discounted (7%) Labor Earnings by Alternative**Figure 4-28 Estimated Ad Valorem Tax Revenues by Alternative**